

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
 Data File : BE098433.D
 Acq On : 14 Dec 2018 13:25
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 14 15:36:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1484	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	6201	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3924	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	10398	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	12570	0.40	ng	-0.01
34) Perylene-d12	24.00	264	12107	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1468	0.42	ng	0.00
5) Phenol-d6	7.04	99	2110	0.43	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2201	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3757	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	585	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6174	0.37	ng	0.00
25) Fluoranthene-d10	19.30	212	50884	0.38	ng	0.00
29) Terphenyl-d14	19.90	244	9765	0.32	ng	0.00

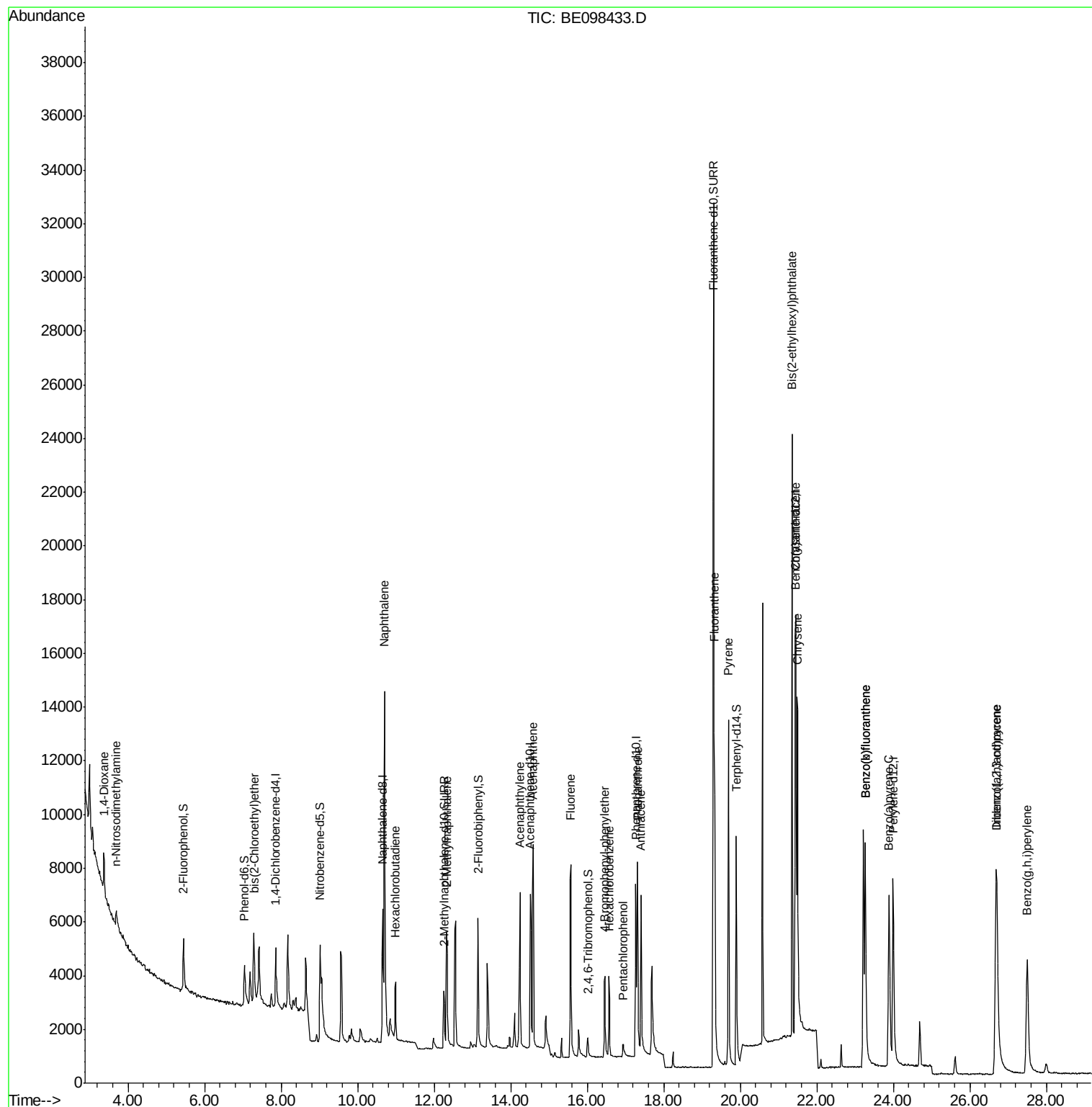
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	877	0.342	ng	96
3) n-Nitrosodimethylamine	3.70	42	790	0.342	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1591	0.340	ng	91
9) Naphthalene	10.71	128	24489	0.392	ng	100
10) Hexachlorobutadiene	10.99	225	1673	0.421	ng	98
12) 2-Methylnaphthalene	12.33	142	3815	0.376	ng	95
16) Acenaphthylene	14.24	152	7004	0.381	ng	99
17) Acenaphthene	14.59	154	4249	0.385	ng	97
18) Fluorene	15.57	166	5641	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2058	0.368	ng	# 78
21) Hexachlorobenzene	16.57	284	2370	0.394	ng	95
22) Pentachlorophenol	16.94	266	485	0.486	ng	98
23) Phenanthrene	17.31	178	9675	0.383	ng	99
24) Anthracene	17.41	178	8064	0.358	ng	99
26) Fluoranthene	19.33	202	13020	0.389	ng	99
28) Pyrene	19.69	202	13559	0.344	ng	100
30) Benzo(a)anthracene	21.44	228	12574	0.351	ng	100
31) Chrysene	21.50	228	14475	0.386	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	24439	0.336	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	14737	0.395	ng	97
35) Benzo(b)fluoranthene	23.27	252	15141	0.457	ng	95
36) Benzo(k)fluoranthene	23.27	252	15782	0.409	ng	98
37) Benzo(a)pyrene	23.88	252	13310	0.390	ng	# 95
38) Dibenzo(a,h)anthracene	26.71	278	12271	0.381	ng	# 92
39) Benzo(g,h,i)perylene	27.50	276	12308	0.380	ng	98

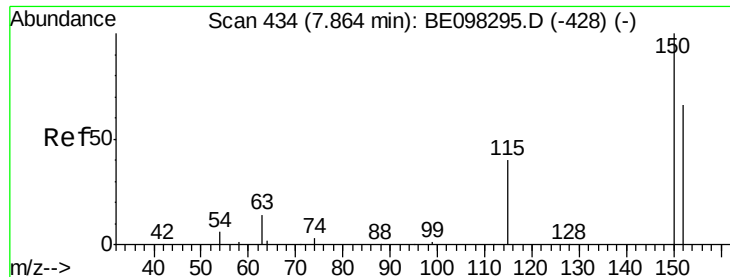
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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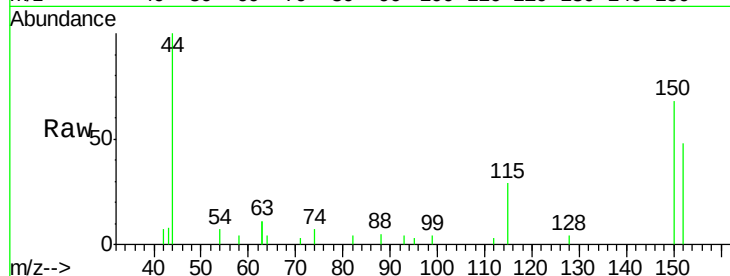


#1

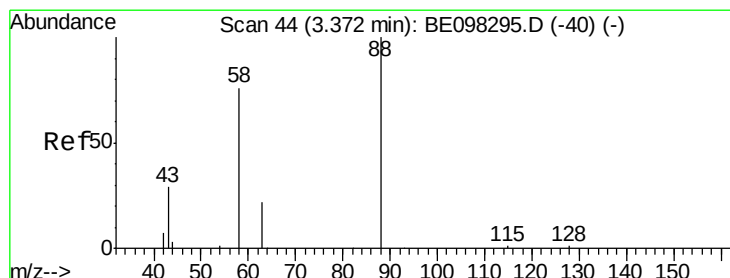
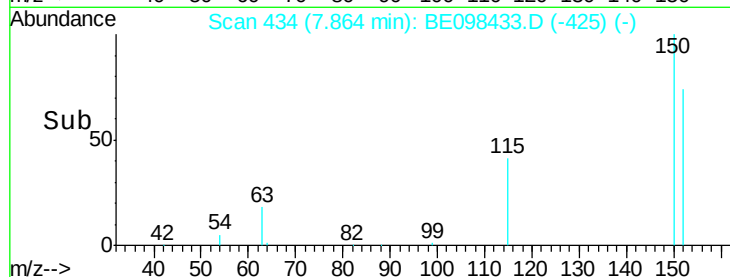
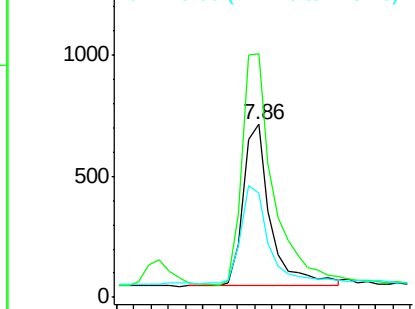
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1484
Ion Ratio Lower Upper
152 100
150 141.1 124.2 186.4
115 60.2 53.9 80.9



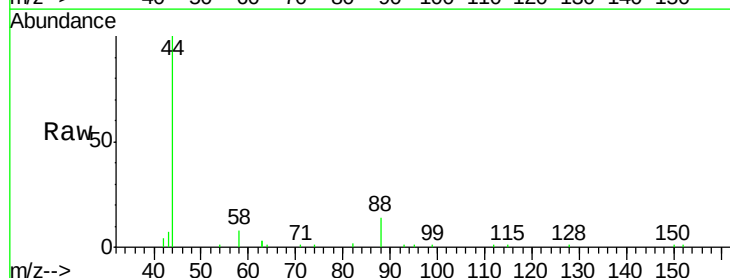
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



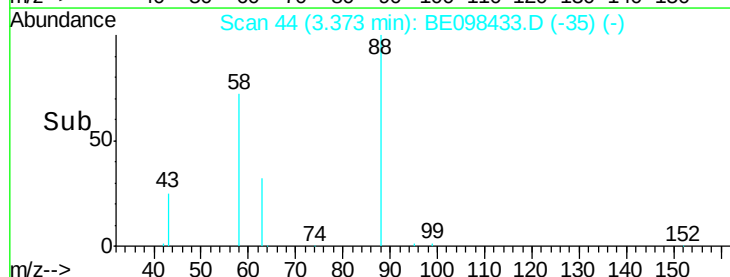
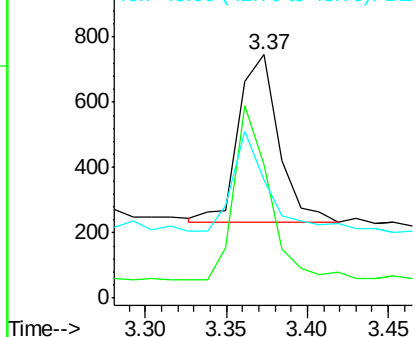
#2

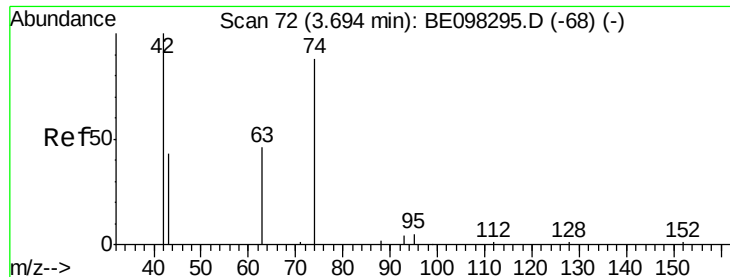
1,4-Dioxane
Concen: 0.342 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion: 88 Resp: 877
Ion Ratio Lower Upper
88 100
58 90.6 75.0 112.6
43 52.5 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: 0.342 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

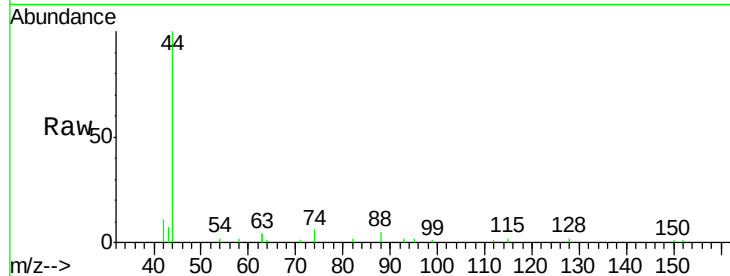
Tgt Ion: 42 Resp: 790

Ion Ratio Lower Upper

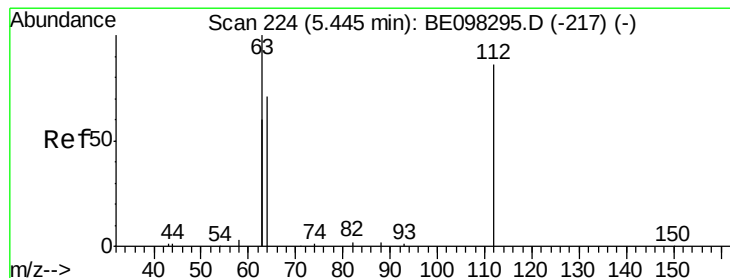
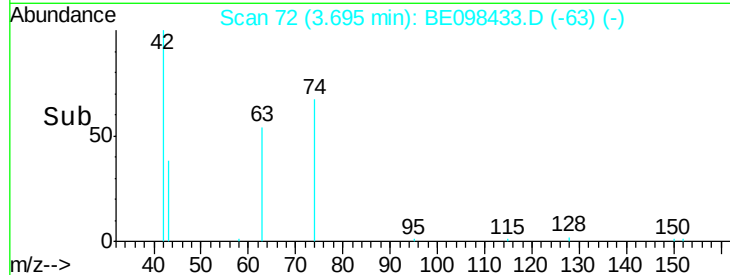
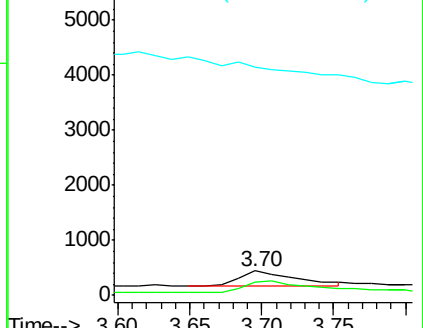
42 100

74 72.0 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: 0.423 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

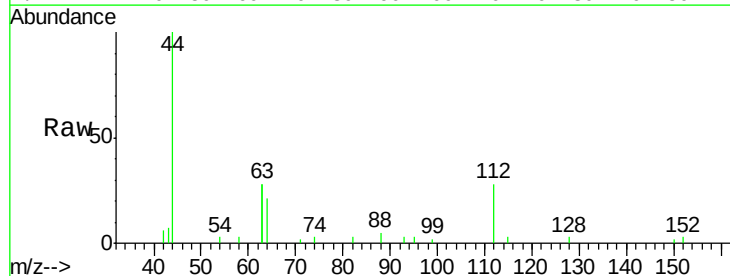
Tgt Ion: 112 Resp: 1468

Ion Ratio Lower Upper

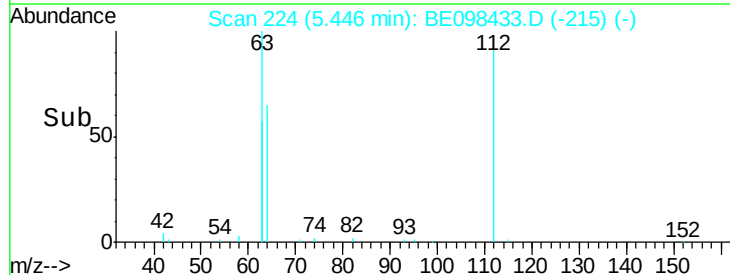
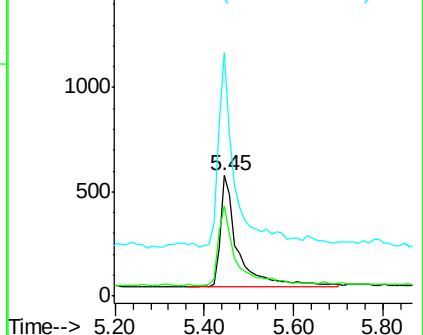
112 100

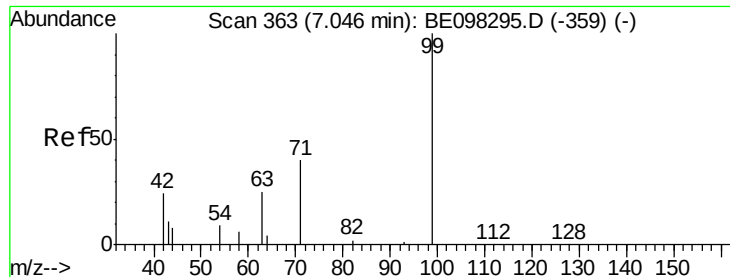
64 70.3 59.8 89.8

63 161.7 133.7 200.5



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: 0.429 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

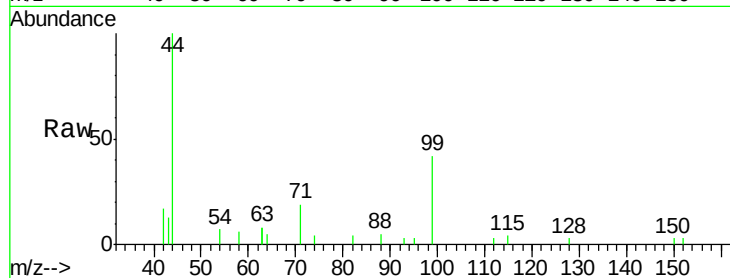
Tgt Ion: 99 Resp: 2110

Ion Ratio Lower Upper

99 100

42 26.5 26.3 39.5

71 37.7 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

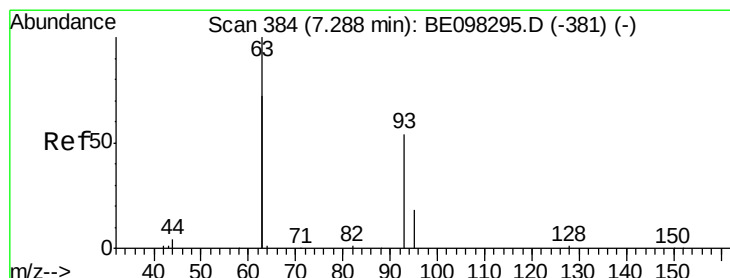
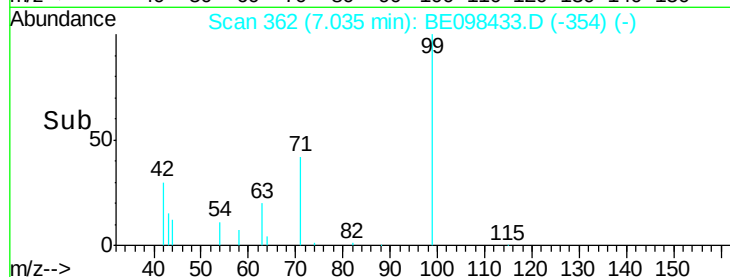
400

200

0

7.00 7.20 7.40

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.340 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

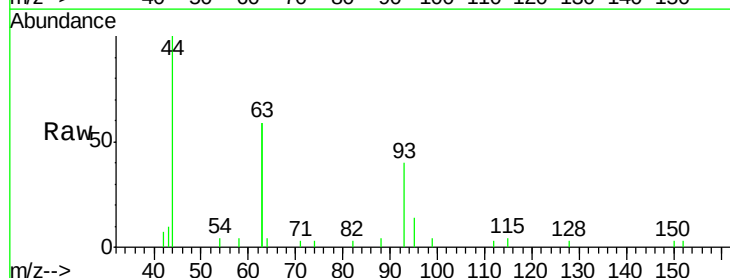
Tgt Ion: 93 Resp: 1591

Ion Ratio Lower Upper

93 100

63 312.3 264.4 396.6

95 29.7 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

2000

1500

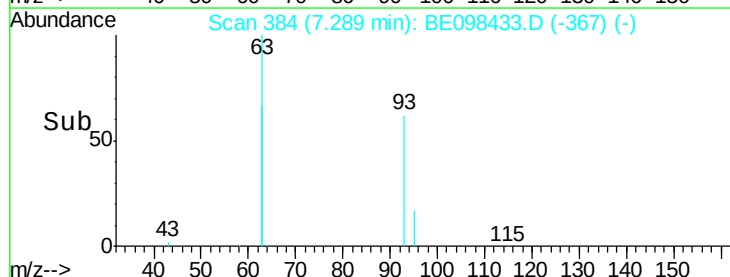
1000

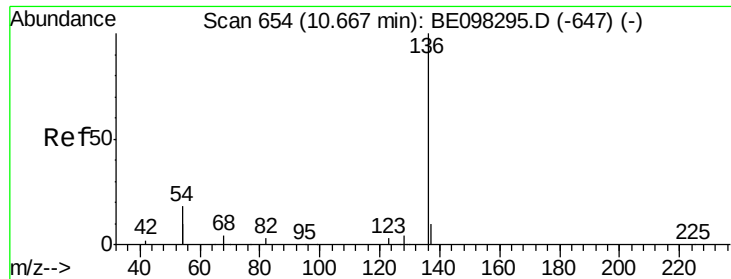
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 6201

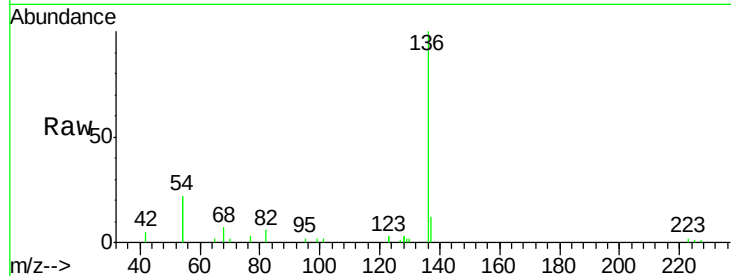
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 43.6 28.4 42.6#

68 7.3 5.4 8.0

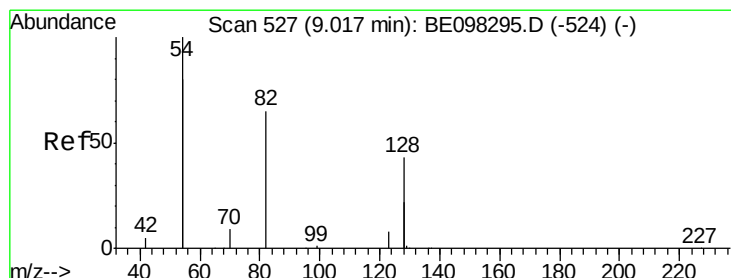
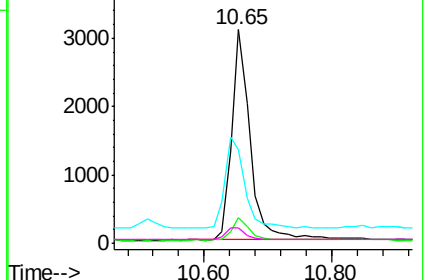
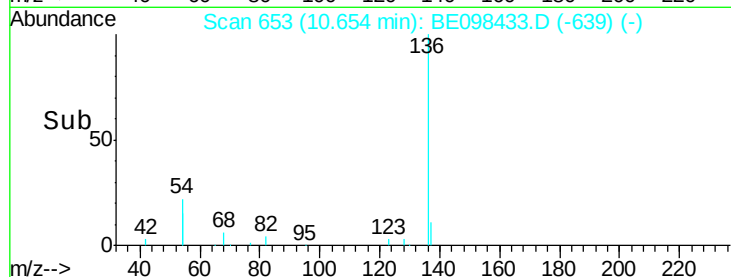


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

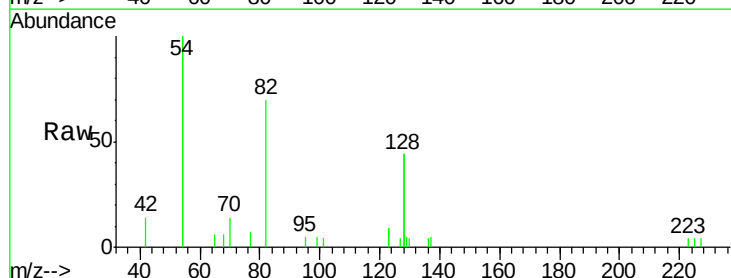
Tgt Ion: 82 Resp: 2201

Ion Ratio Lower Upper

82 100

128 125.4 102.4 153.6

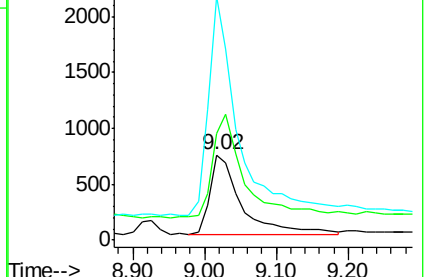
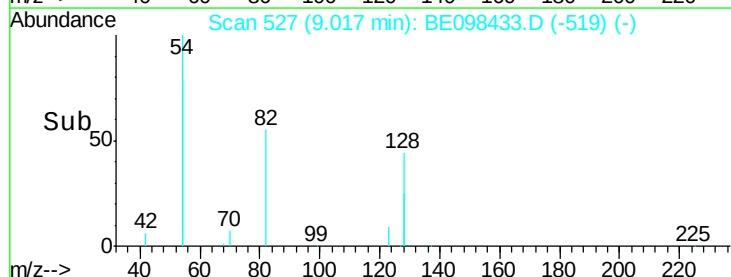
54 286.5 221.8 332.8

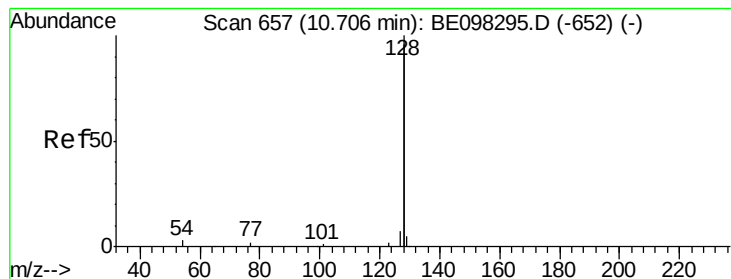


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

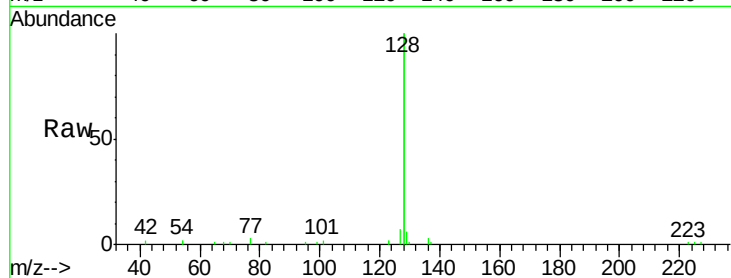
Tgt Ion:128 Resp: 24489

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

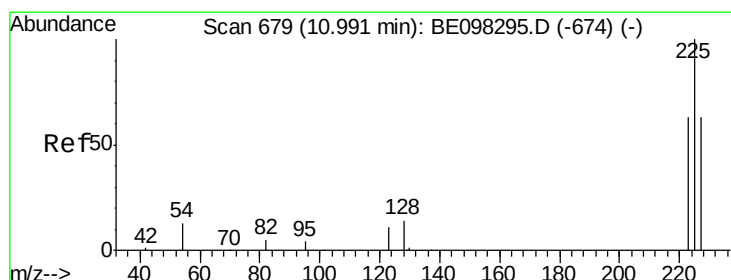
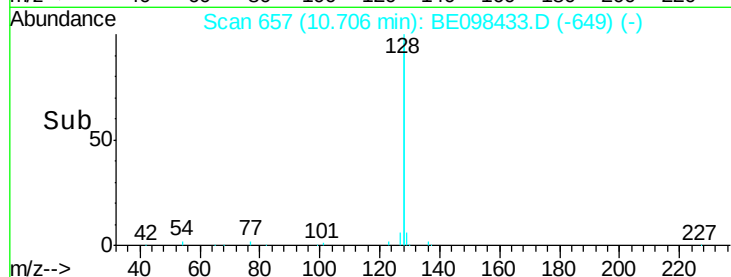
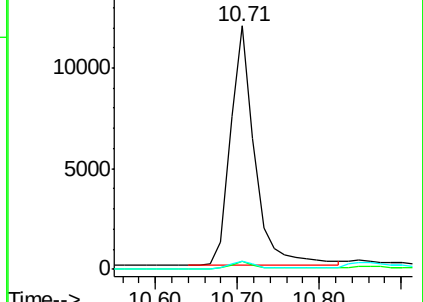
127 3.4 2.7 4.1



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: 0.421 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

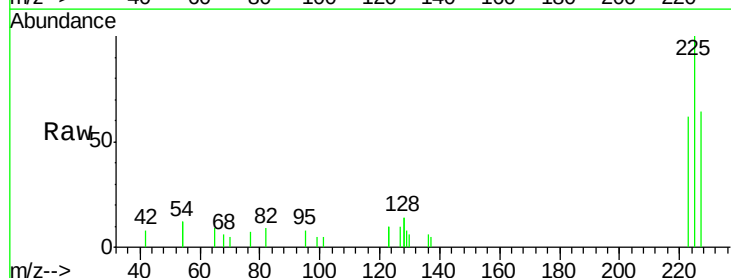
Tgt Ion:225 Resp: 1673

Ion Ratio Lower Upper

225 100

223 61.6 49.4 74.0

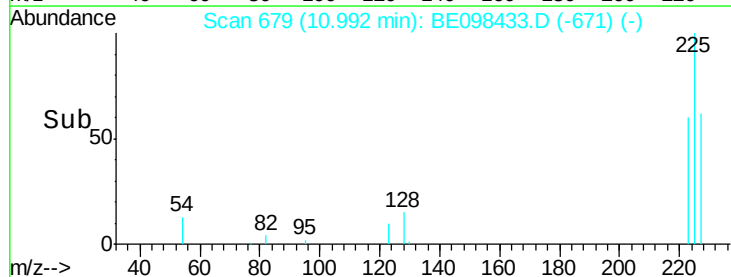
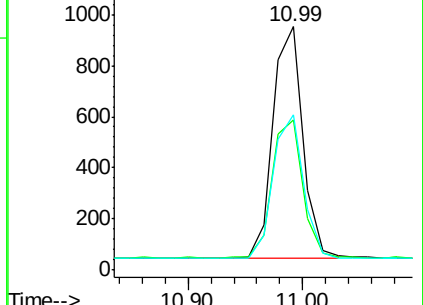
227 62.8 52.0 78.0

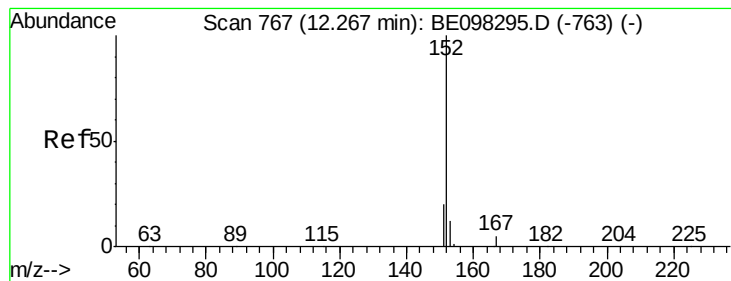


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.373 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

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ClientSampleId :

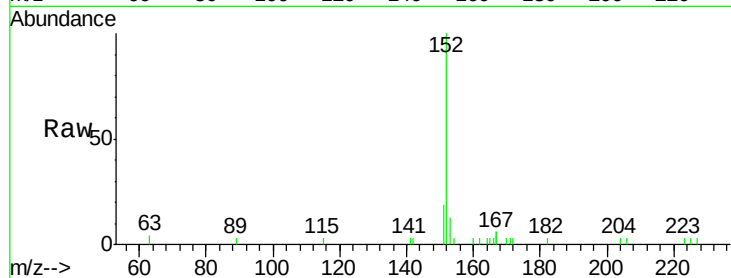
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3757

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

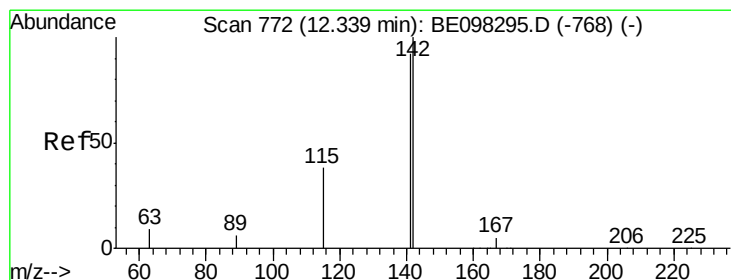
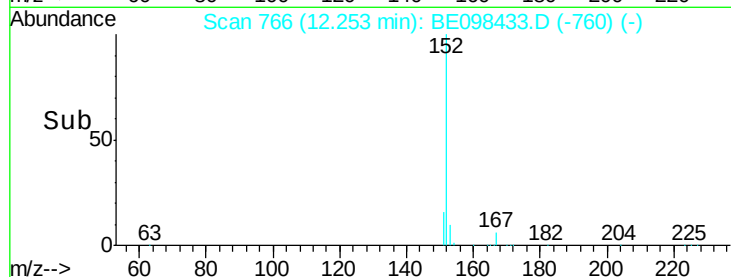
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.376 ng

RT: 12.33 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

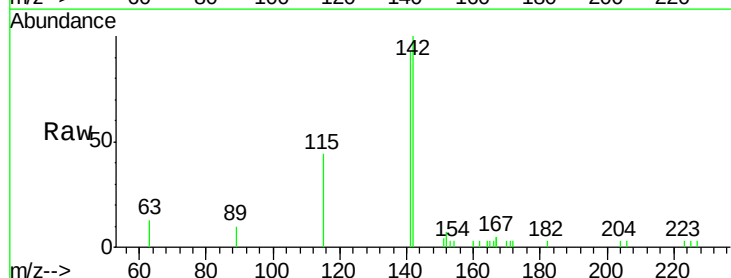
Tgt Ion:142 Resp: 3815

Ion Ratio Lower Upper

142 100

141 92.8 71.0 106.6

115 43.9 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

12.33

2000

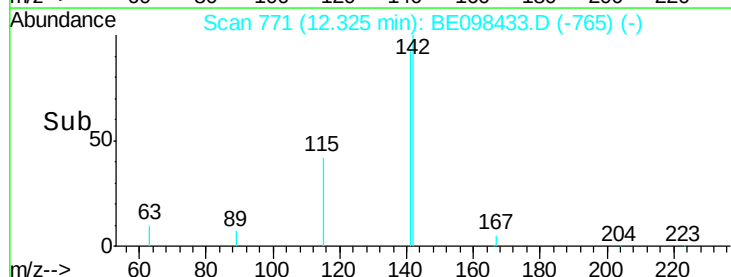
1500

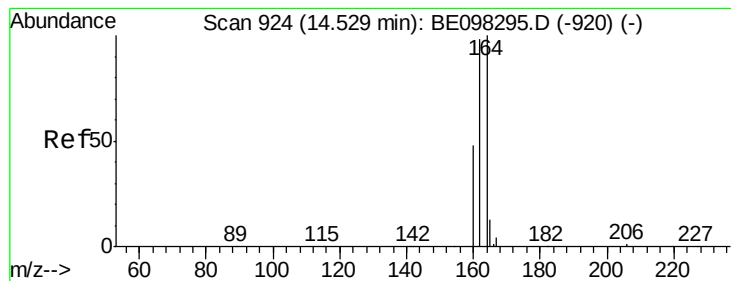
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

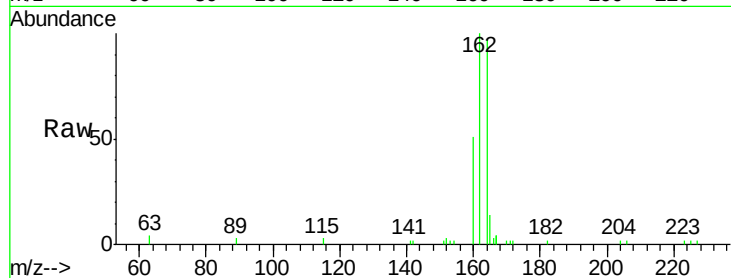
Tgt Ion:164 Resp: 3924

Ion Ratio Lower Upper

164 100

162 103.1 77.6 116.4

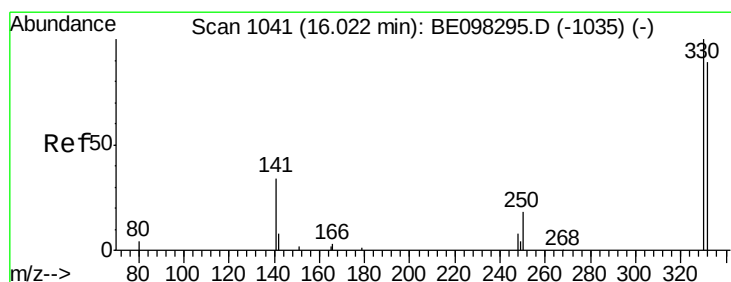
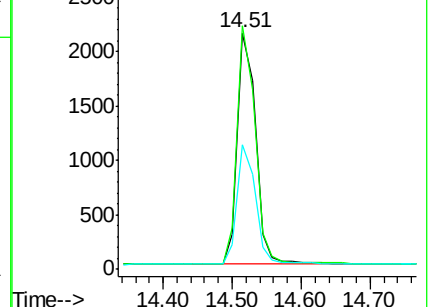
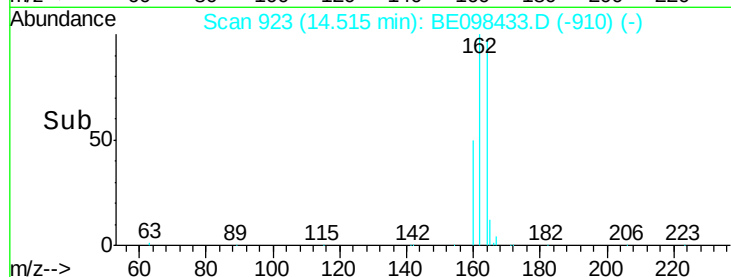
160 52.7 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.406 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

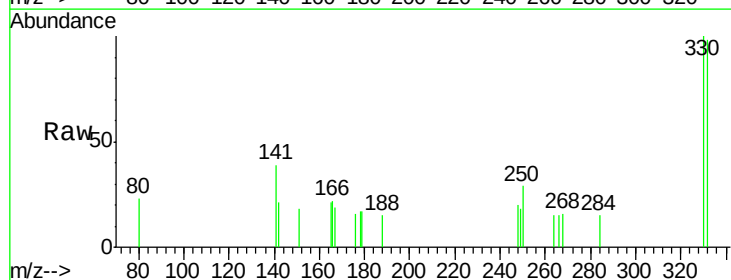
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 98.6 76.2 114.4

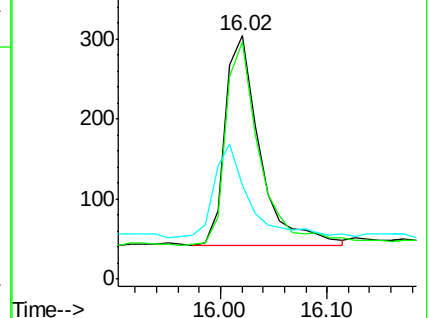
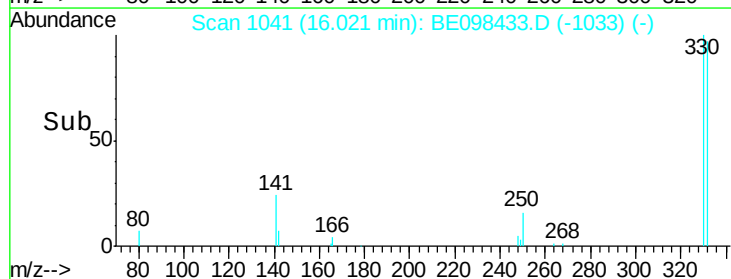
141 47.2 39.0 58.4

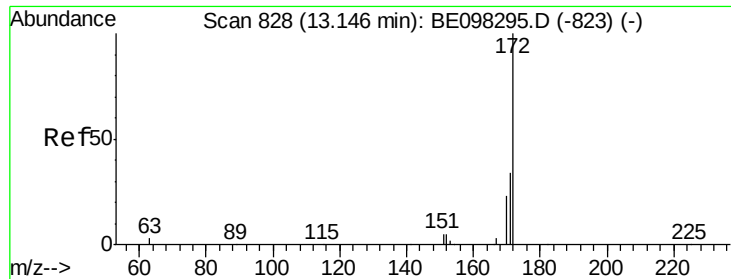


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

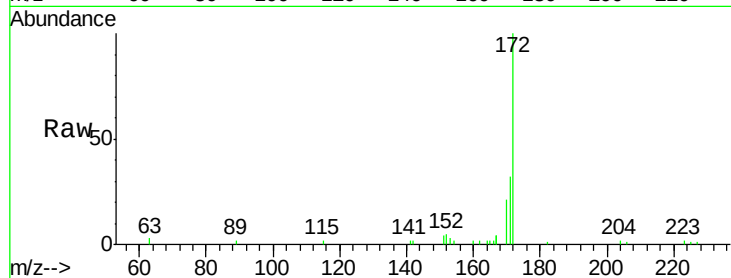




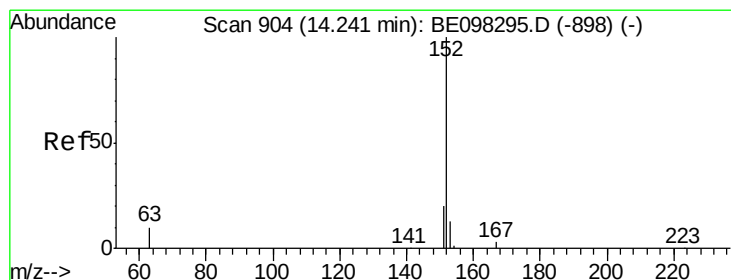
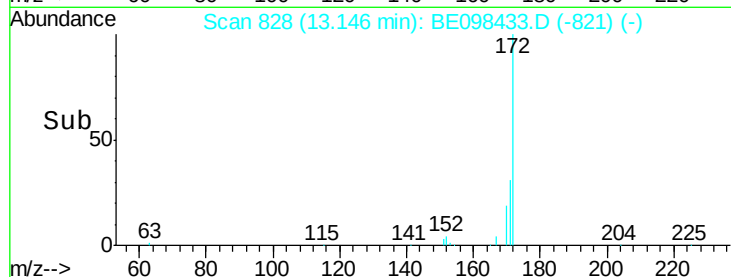
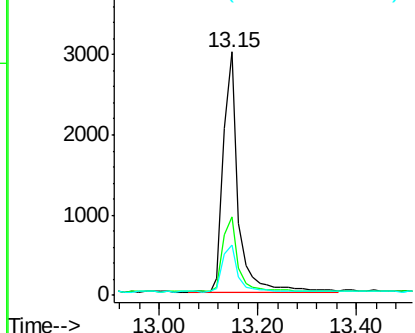
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6174
Ion Ratio Lower Upper
172 100
171 32.5 27.5 41.3
170 20.8 19.6 29.4

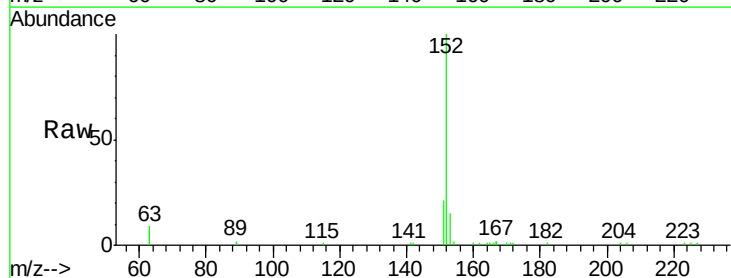


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

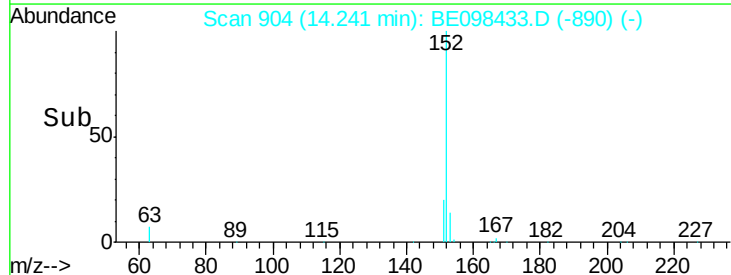
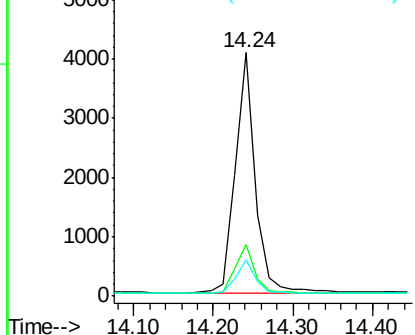


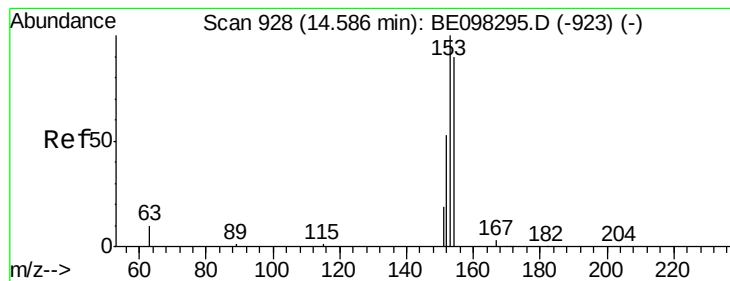
#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:152 Resp: 7004
Ion Ratio Lower Upper
152 100
151 20.3 15.5 23.3
153 13.4 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: 0.385 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

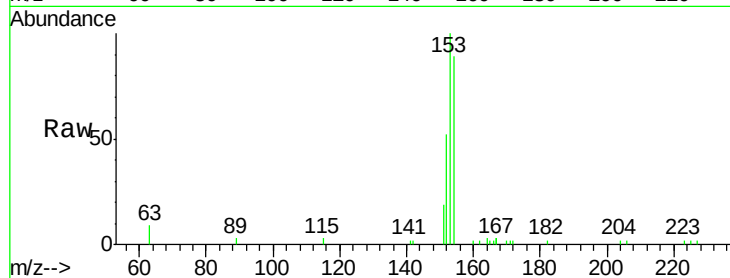
Tgt Ion:154 Resp: 4249

Ion Ratio Lower Upper

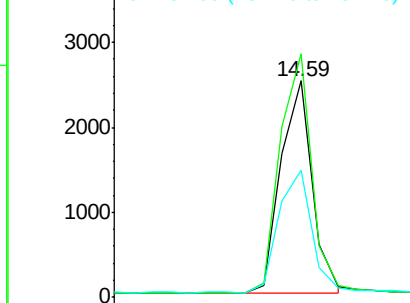
154 100

153 112.9 91.8 137.6

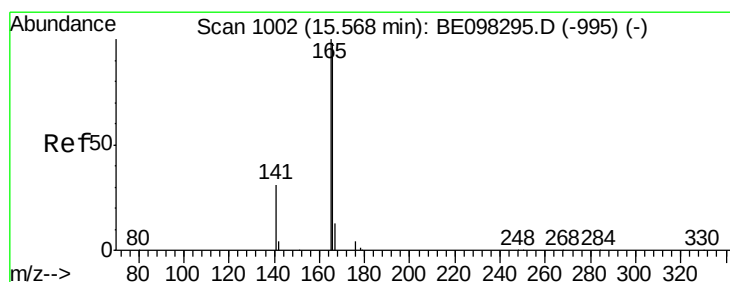
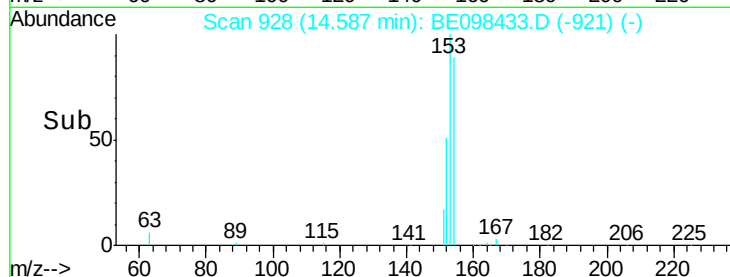
152 60.7 45.5 68.3



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



Time-->



#18

Fluorene

Concen: 0.382 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

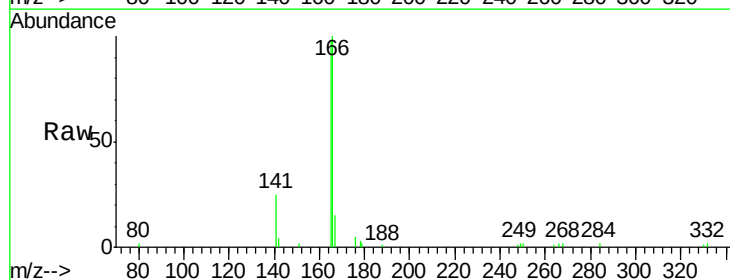
Tgt Ion:166 Resp: 5641

Ion Ratio Lower Upper

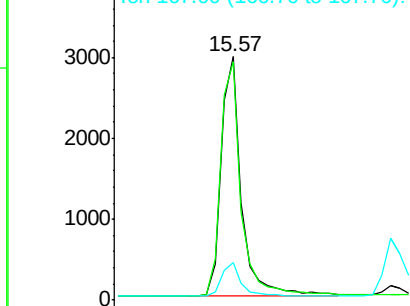
166 100

165 99.7 79.3 118.9

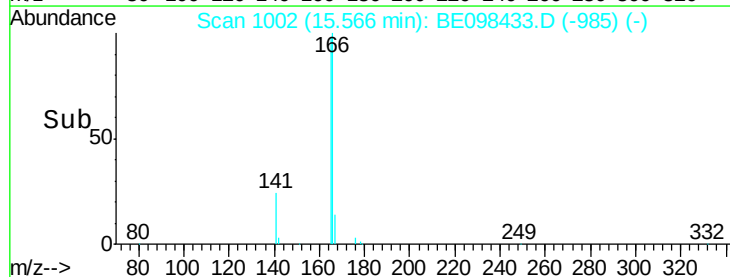
167 14.1 11.3 16.9

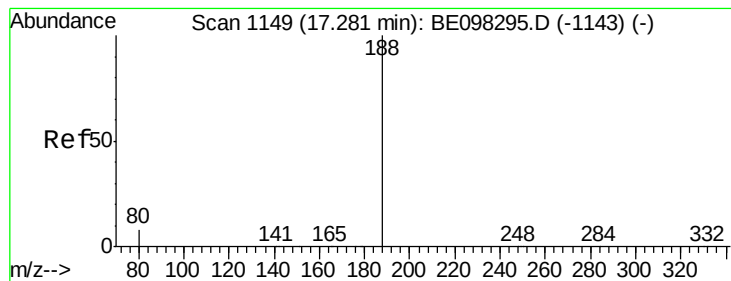


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

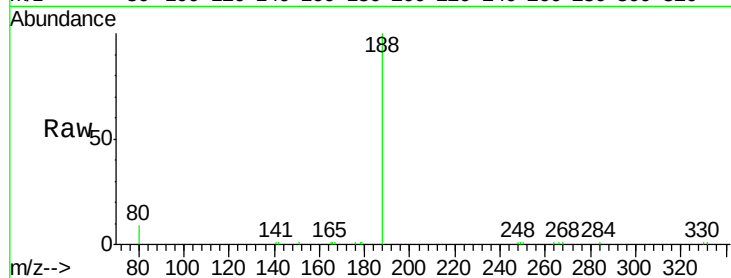
Tgt Ion:188 Resp: 10398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

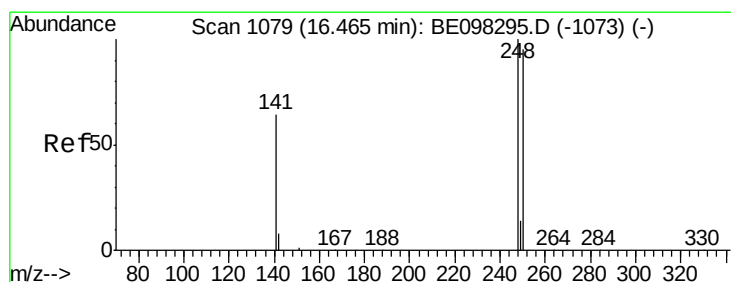
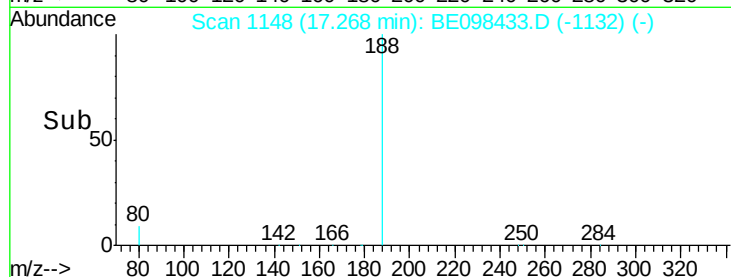
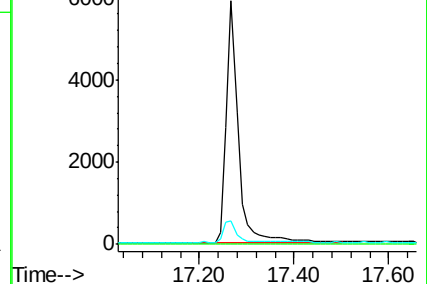
80 9.5 7.2 10.8



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: 0.368 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

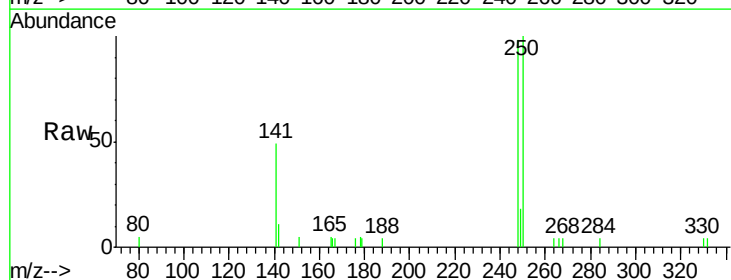
Tgt Ion:248 Resp: 2058

Ion Ratio Lower Upper

248 100

250 101.6 71.0 106.6

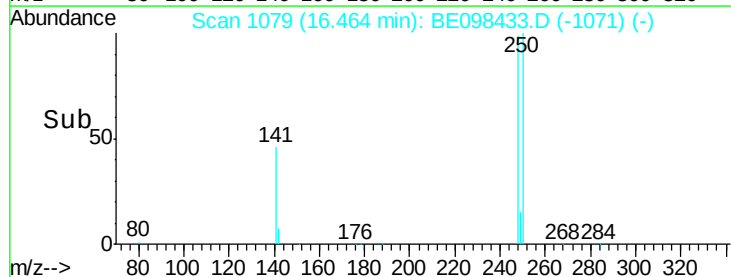
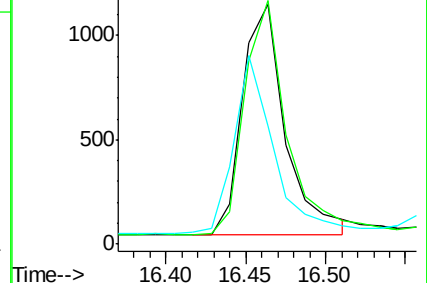
141 49.4 62.1 93.1#

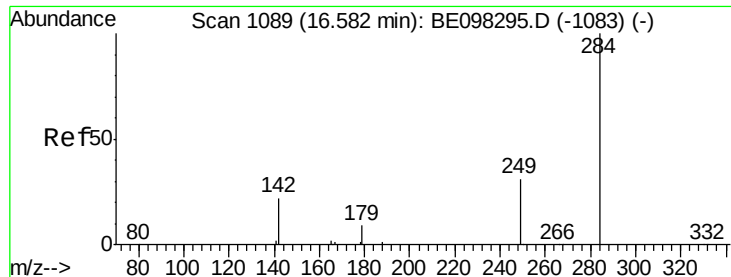


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

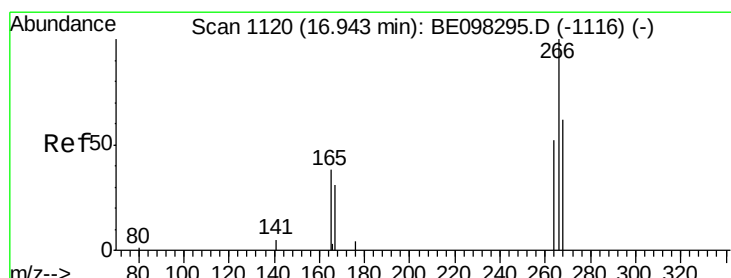
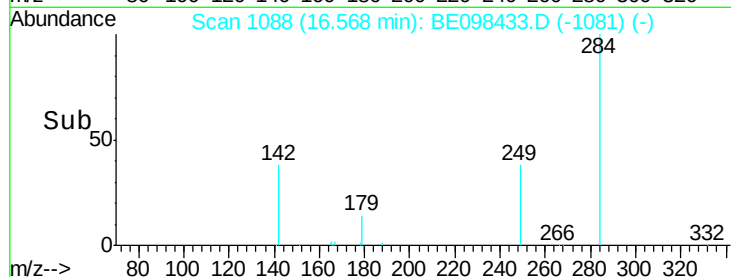
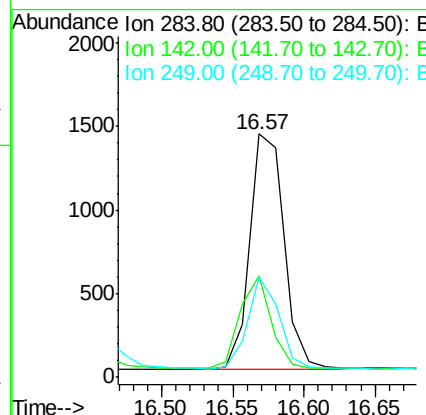
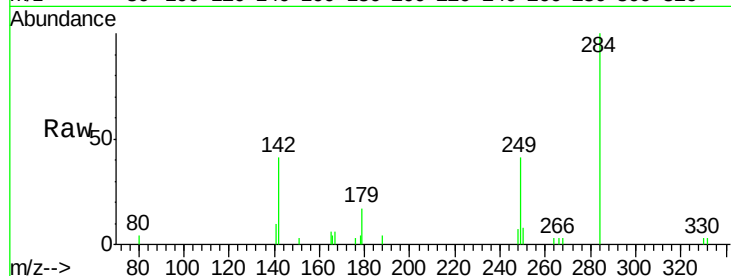




#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

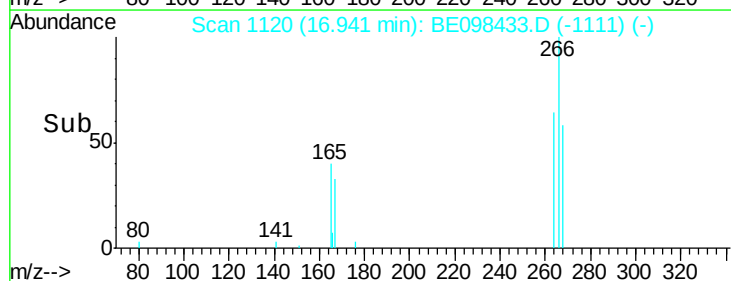
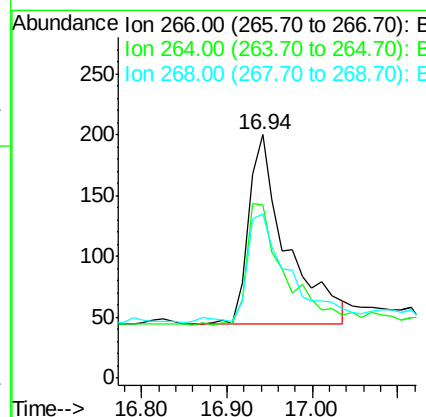
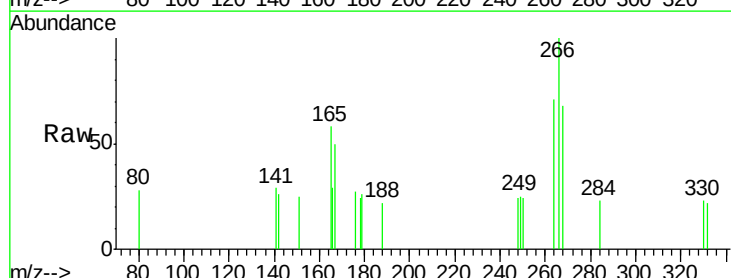
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

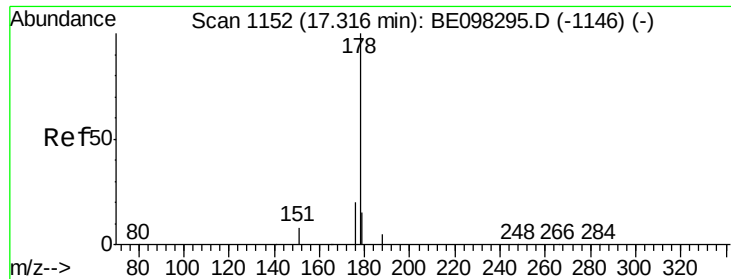
Tgt Ion: 284 Resp: 2370
Ion Ratio Lower Upper
284 100
142 35.9 26.3 39.5
249 35.2 26.0 39.0



#22
Pentachlorophenol
Concen: 0.486 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion: 266 Resp: 485
Ion Ratio Lower Upper
266 100
264 71.0 59.0 88.4
268 67.5 55.1 82.7





#23

Phenanthrene

Concen: 0.383 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

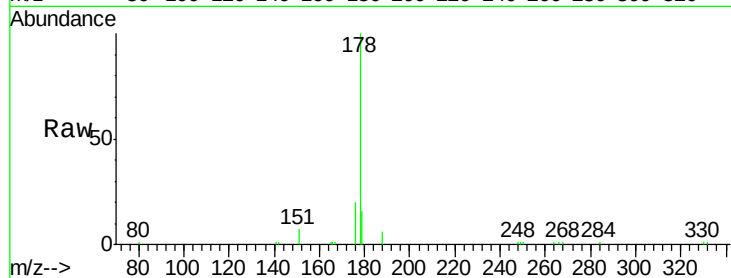
Tgt Ion:178 Resp: 9675

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

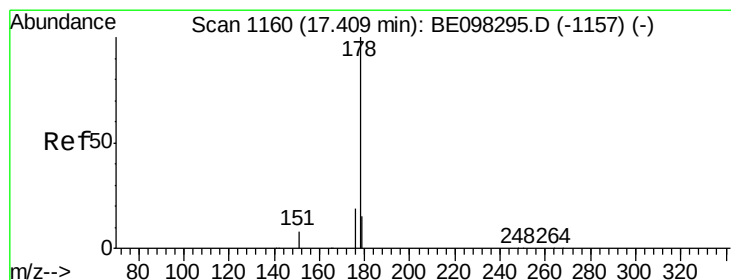
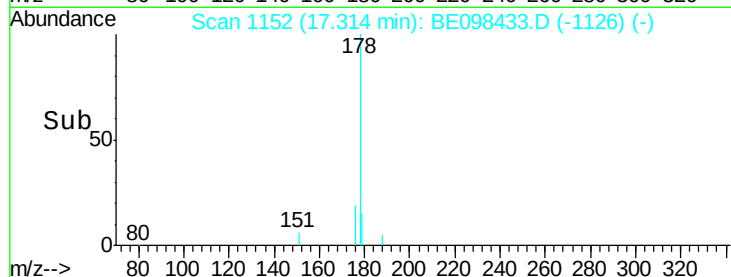
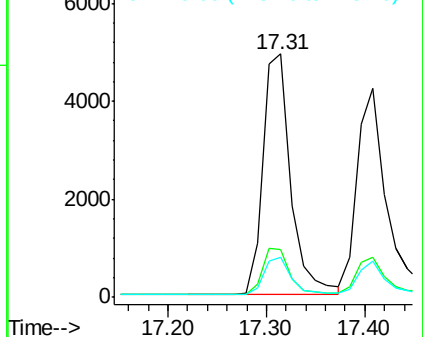
179 15.3 12.3 18.5



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: 0.358 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

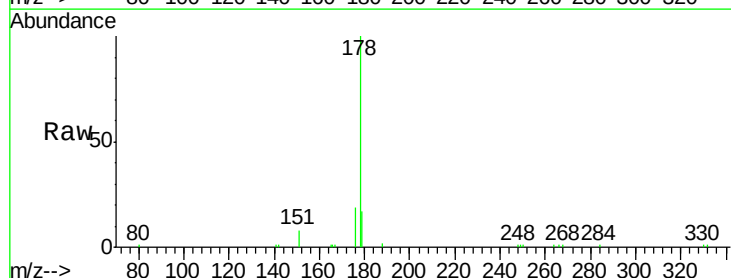
Tgt Ion:178 Resp: 8064

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

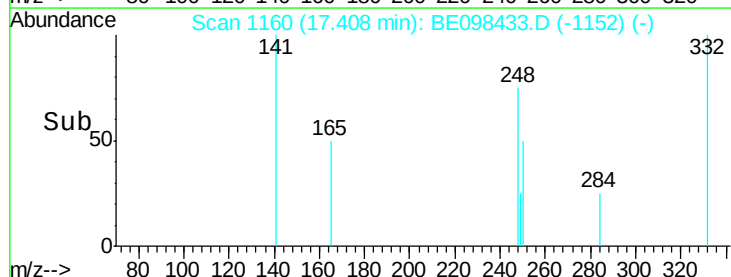
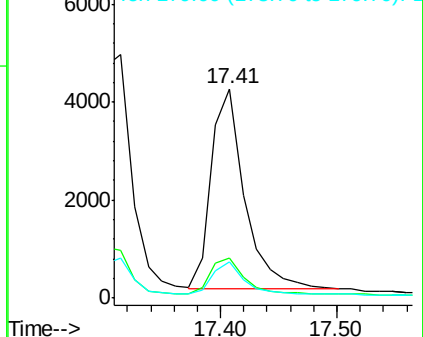
179 15.2 12.3 18.5

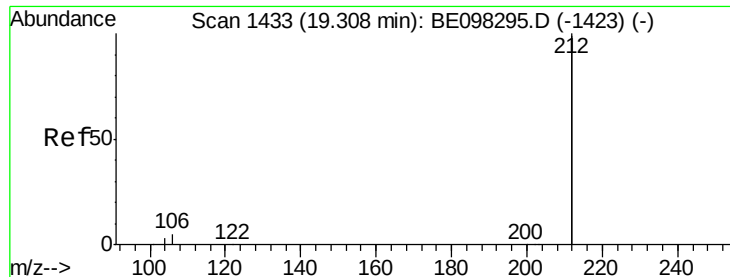


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

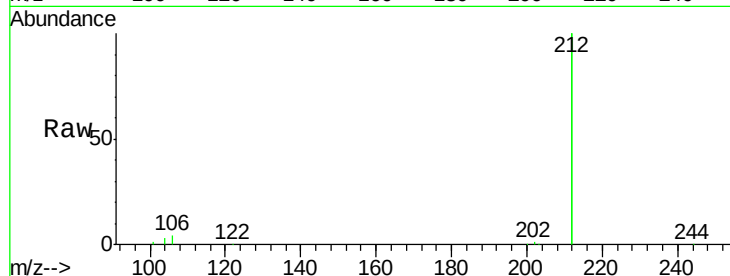
Tgt Ion:212 Resp: 50884

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

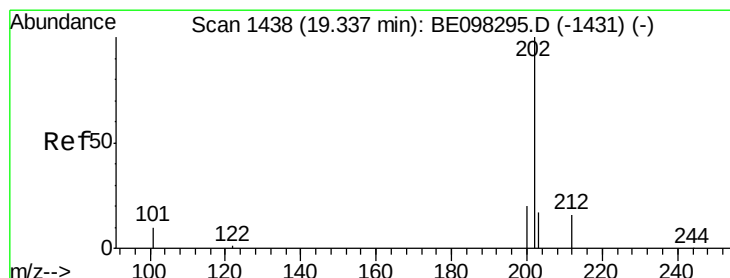
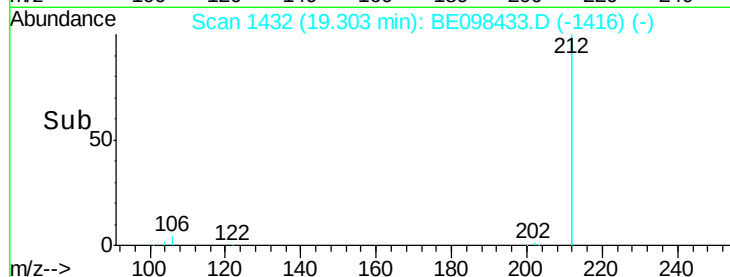
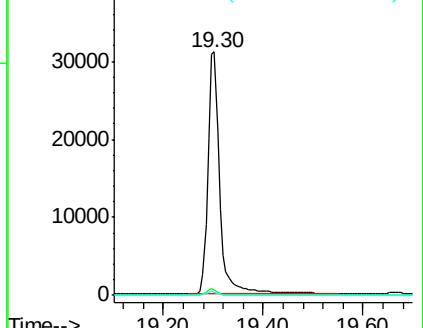
104 1.3 1.3 1.9



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: 0.389 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

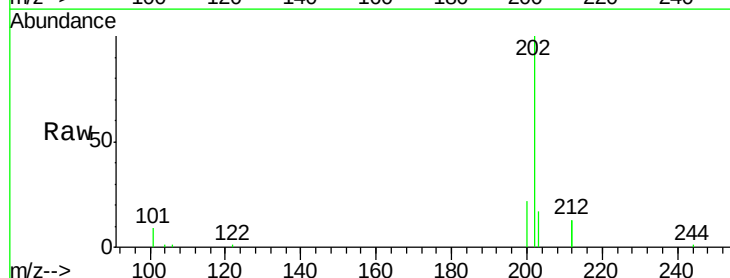
Tgt Ion:202 Resp: 13020

Ion Ratio Lower Upper

202 100

101 9.1 8.0 12.0

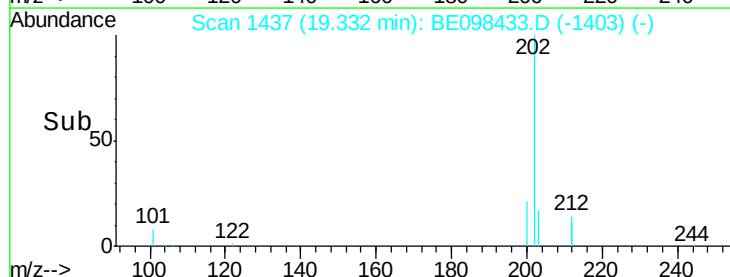
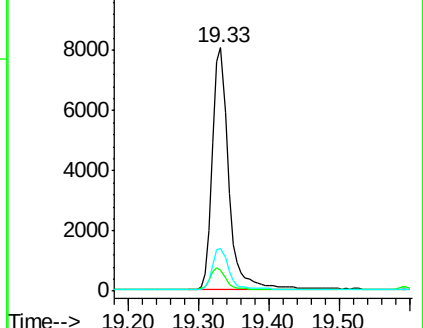
203 16.8 13.8 20.6

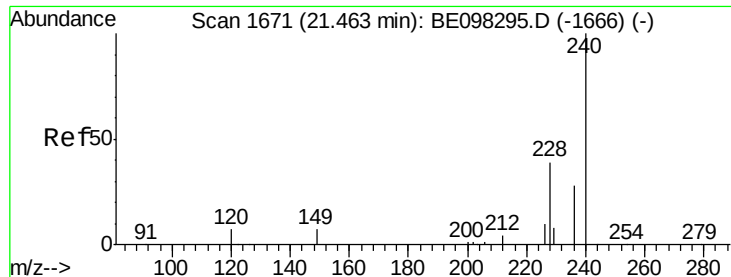


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

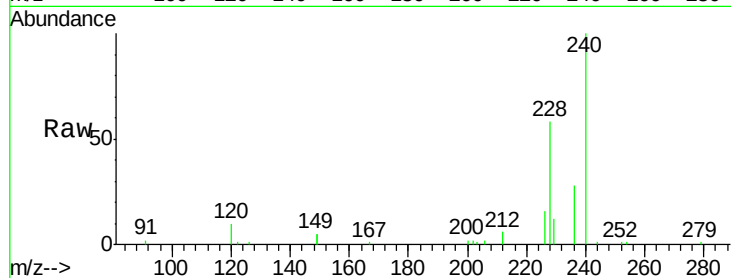
Tgt Ion:240 Resp: 12570

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

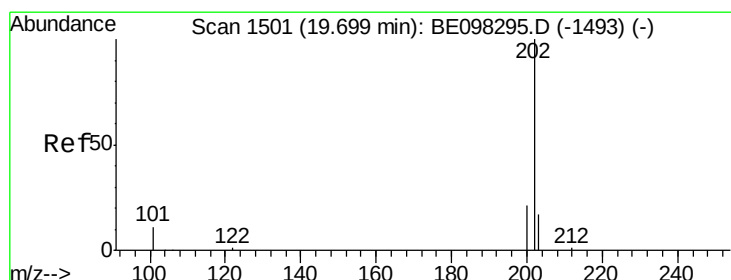
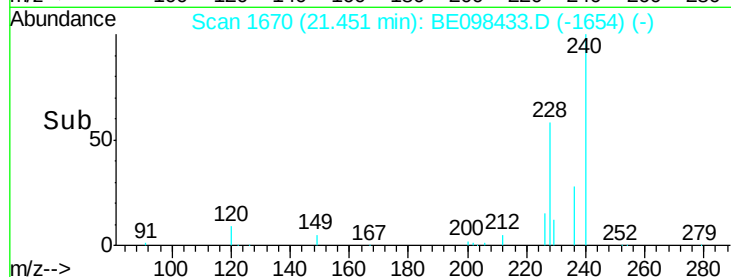
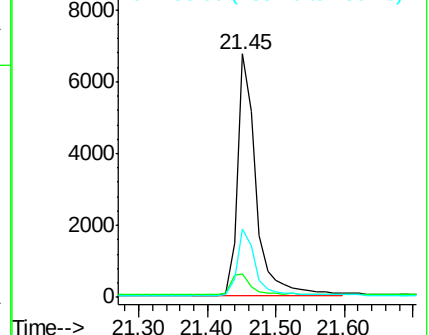
236 28.2 22.7 34.1



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: 0.344 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

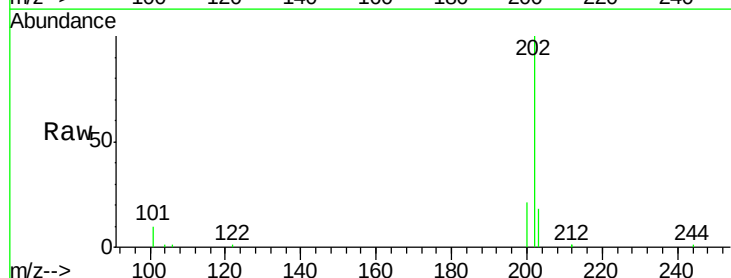
Tgt Ion:202 Resp: 13559

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

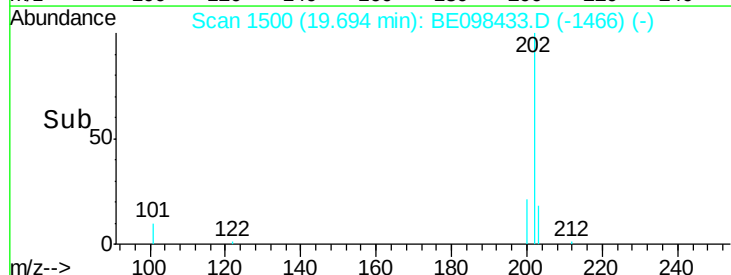
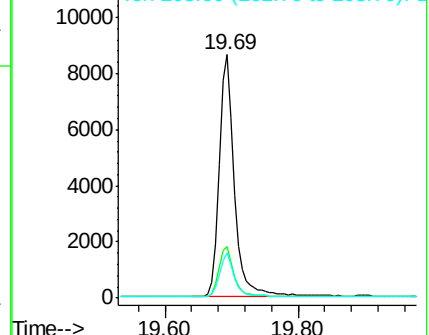
203 17.3 14.1 21.1

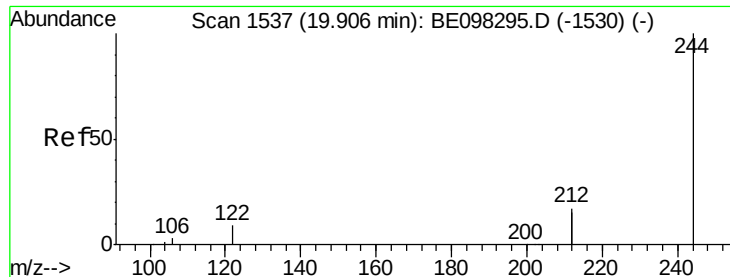


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.320 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

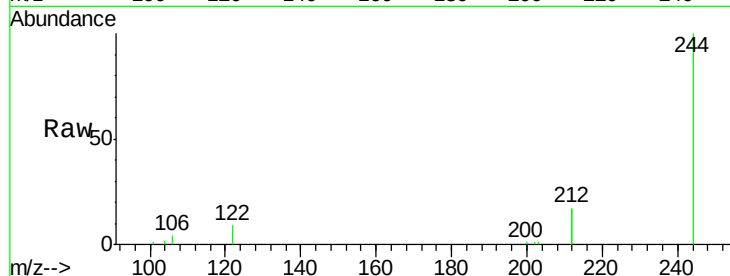
Tgt Ion:244 Resp: 9765

Ion Ratio Lower Upper

244 100

212 34.6 27.4 41.0

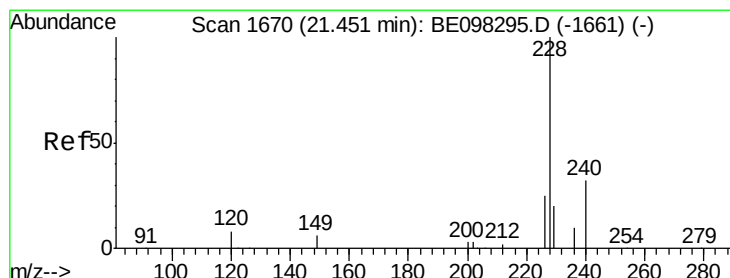
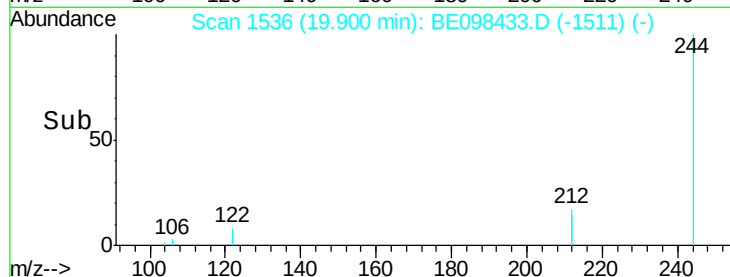
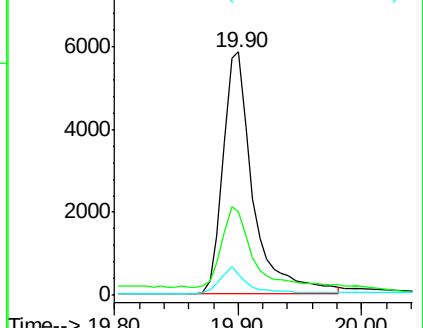
122 8.8 8.3 12.5



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: 0.351 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

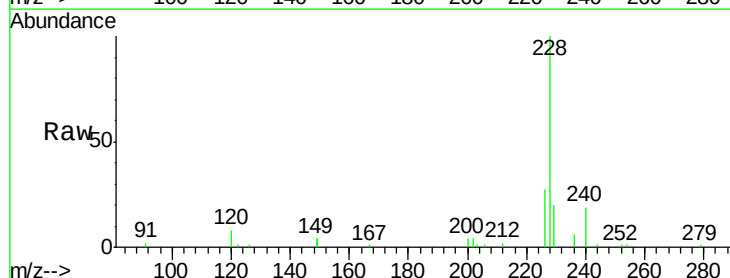
Tgt Ion:228 Resp: 12574

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

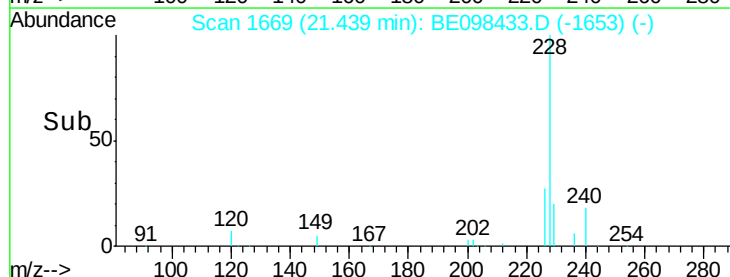
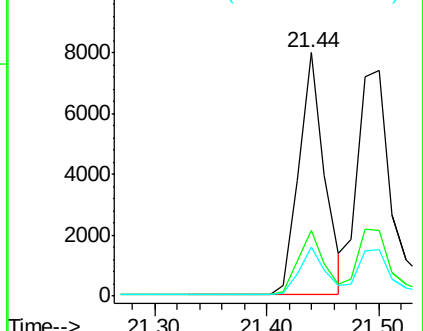
229 20.0 16.3 24.5

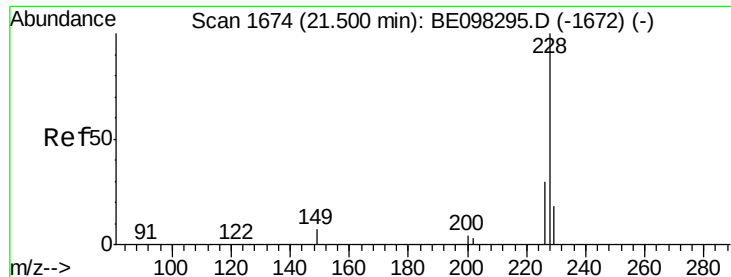


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

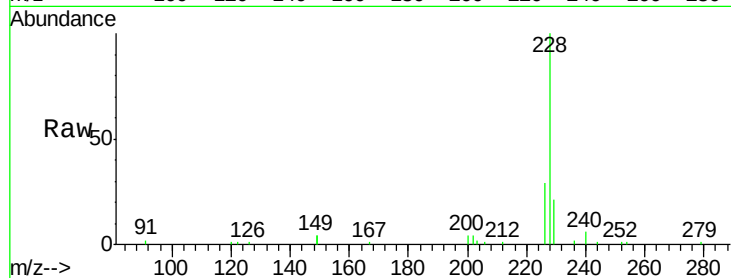
Tgt Ion:228 Resp: 14475

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

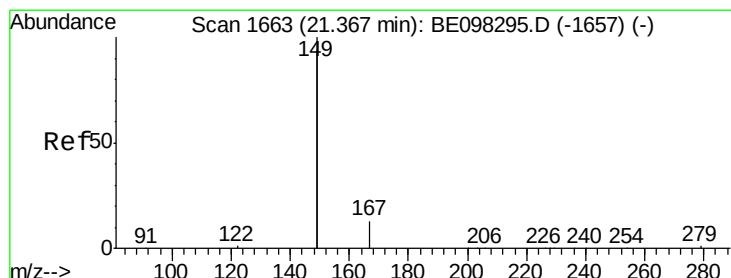
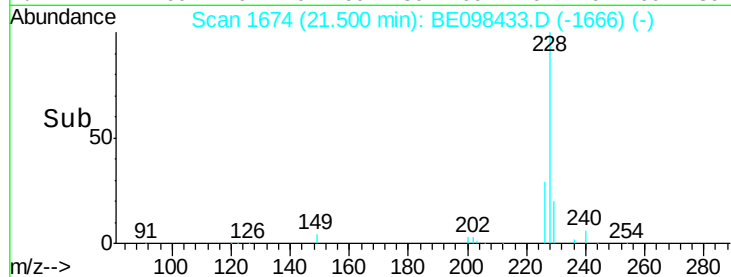
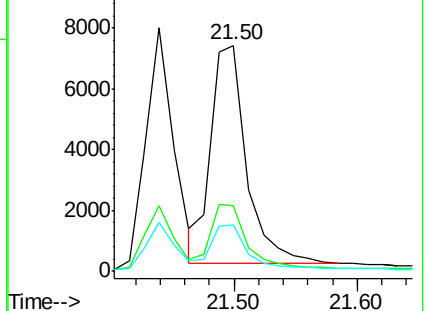
229 20.5 16.2 24.4



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: 0.336 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

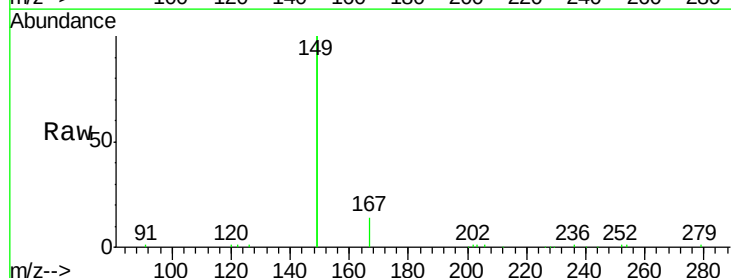
Tgt Ion:149 Resp: 24439

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

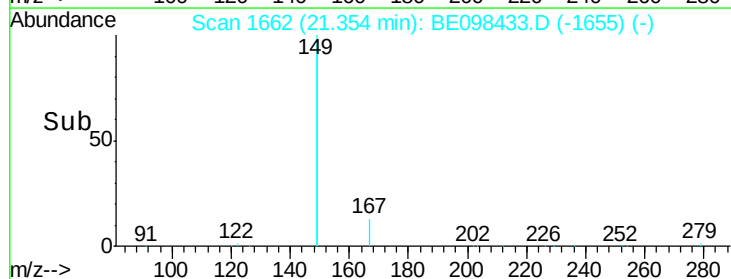
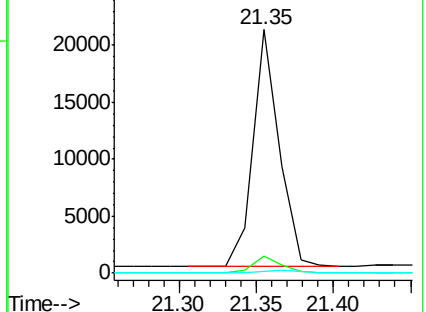
279 1.1 1.0 1.4

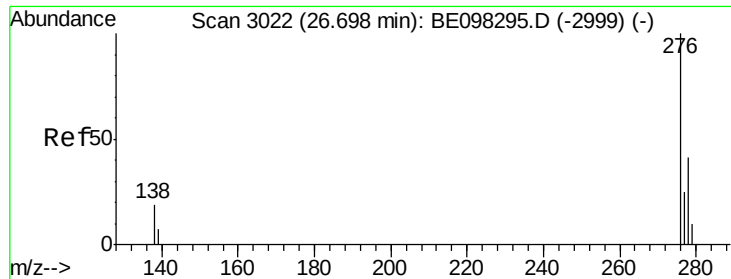


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.395 ng

RT: 26.68 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

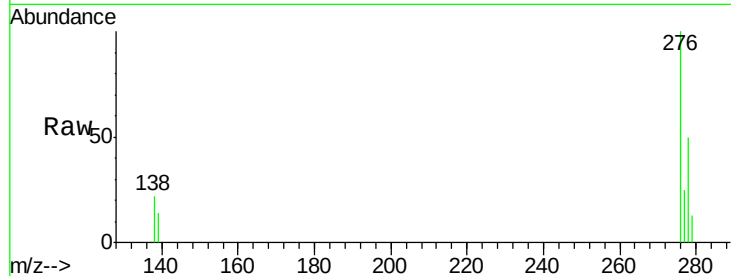
Tgt Ion:276 Resp: 14737

Ion Ratio Lower Upper

276 100

138 21.4 16.3 24.5

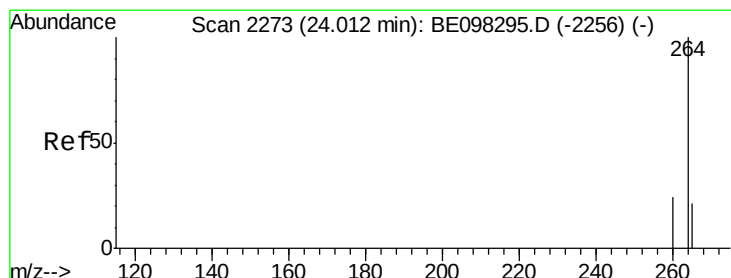
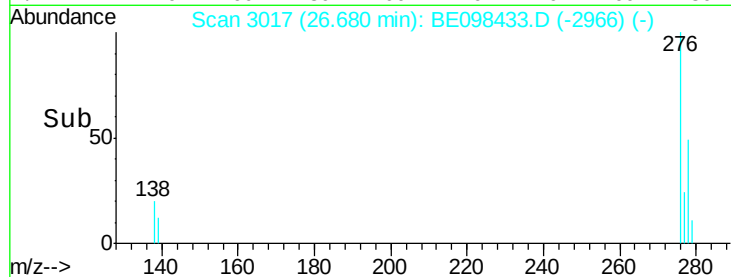
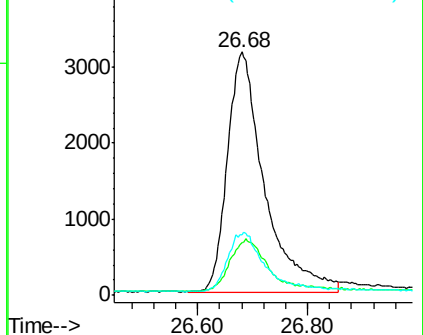
277 23.5 20.2 30.4



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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

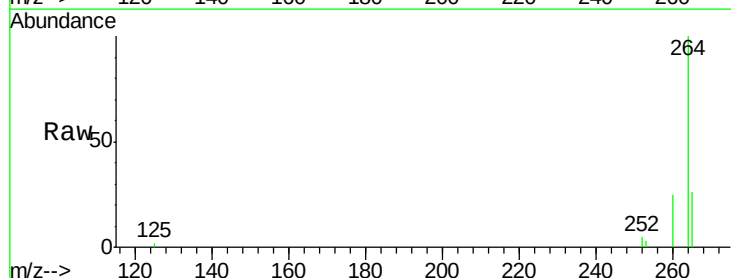
Tgt Ion:264 Resp: 12107

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

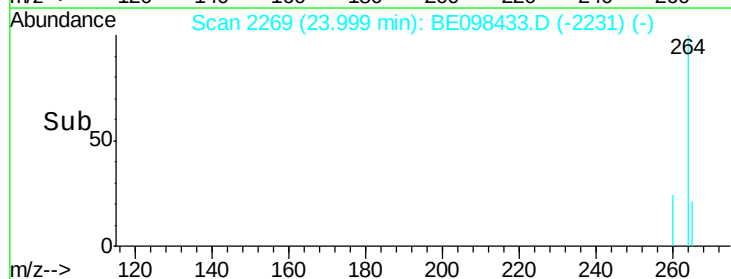
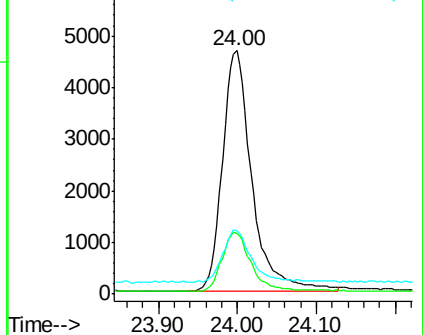
265 26.1 25.2 37.8

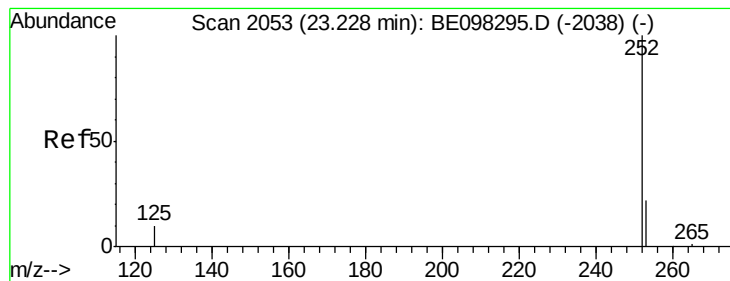


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.457 ng

RT: 23.27 min Scan# 2064

Delta R.T. 0.04 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

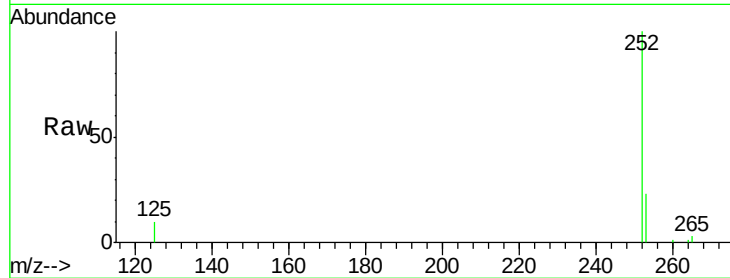
Tgt Ion:252 Resp: 15141

Ion Ratio Lower Upper

252 100

253 23.0 20.0 30.0

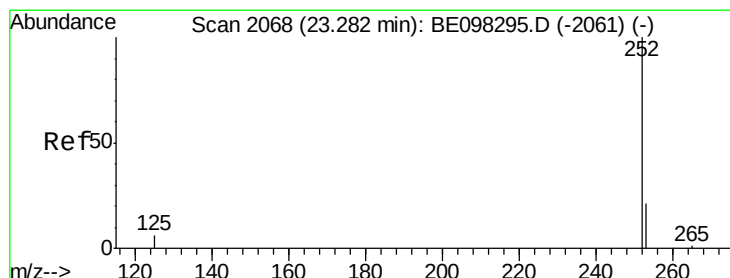
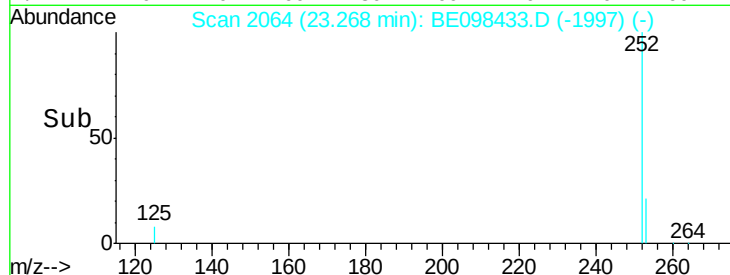
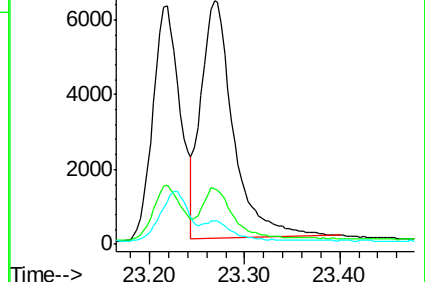
125 9.8 9.6 14.4



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: 0.409 ng

RT: 23.27 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

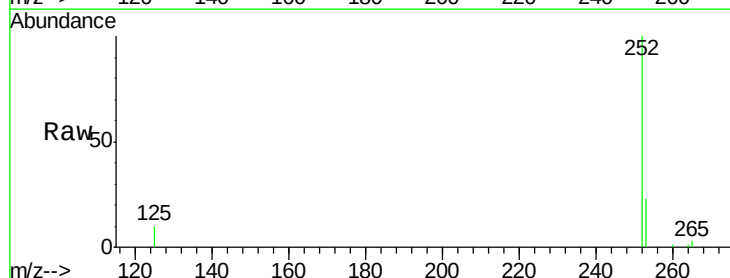
Tgt Ion:252 Resp: 15782

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

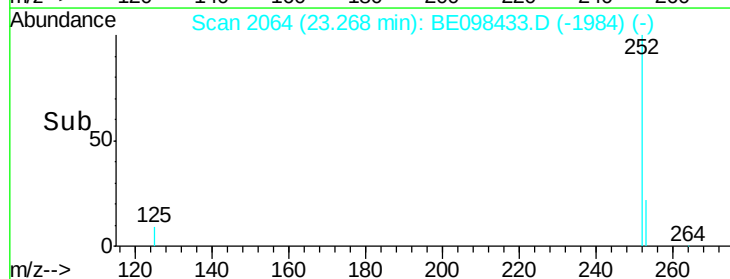
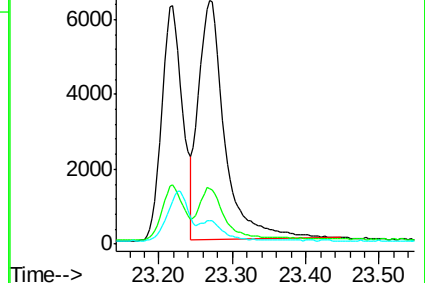
125 9.8 9.1 13.7

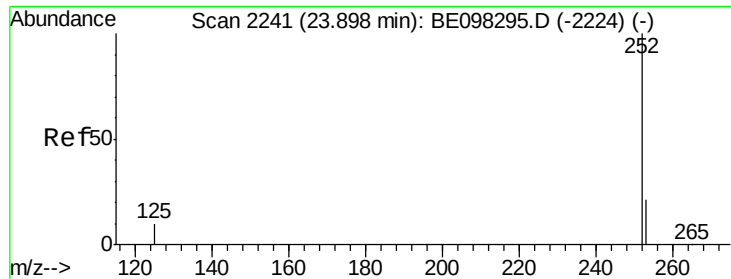


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.88 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

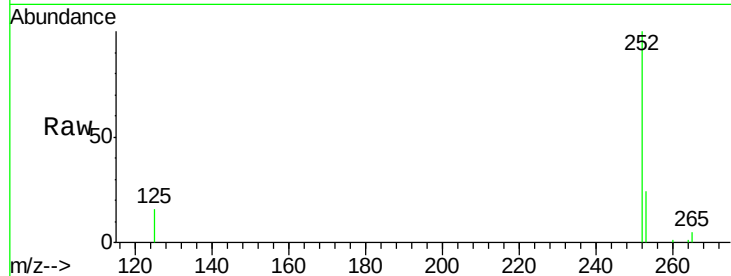
Tgt Ion:252 Resp: 13310

Ion Ratio Lower Upper

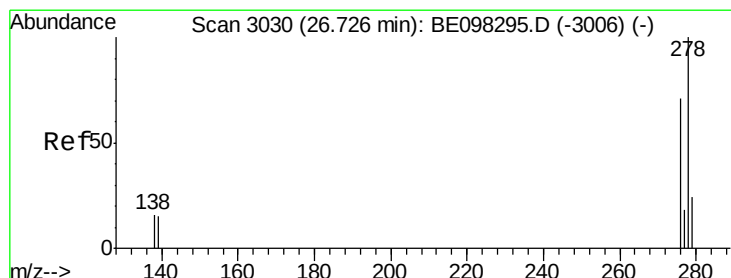
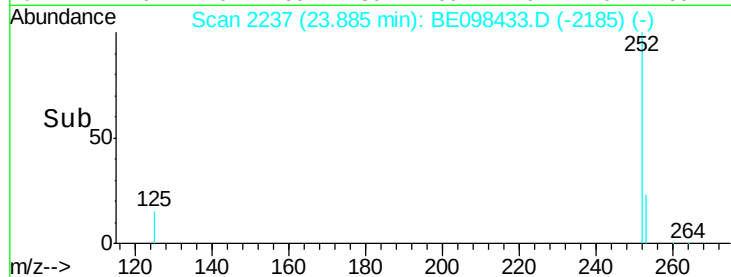
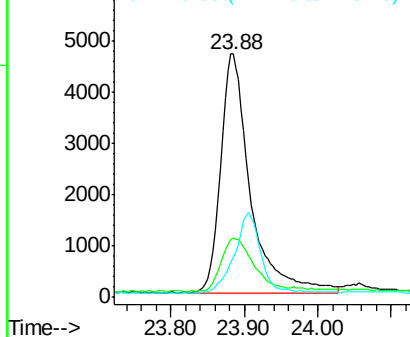
252 100

253 24.3 20.6 30.8

125 16.5 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: 0.381 ng

RT: 26.71 min Scan# 3024

Delta R.T. -0.02 min

Lab File: BE098433.D

Acq: 14 Dec 2018 13:25

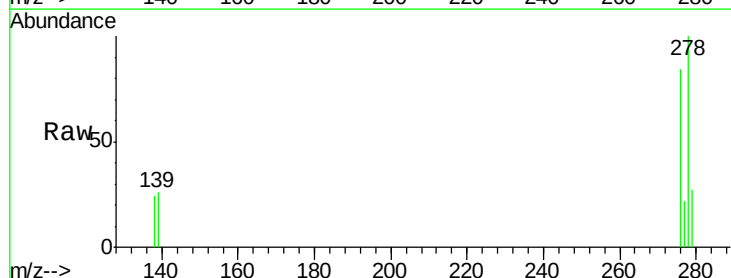
Tgt Ion:278 Resp: 12271

Ion Ratio Lower Upper

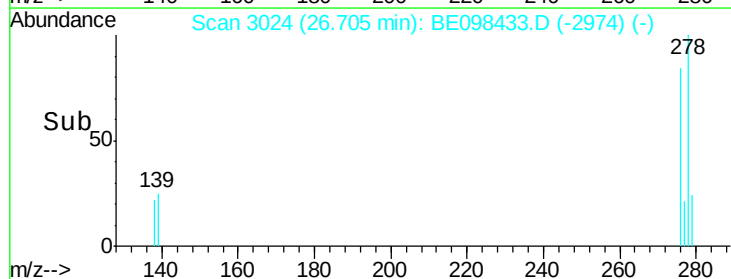
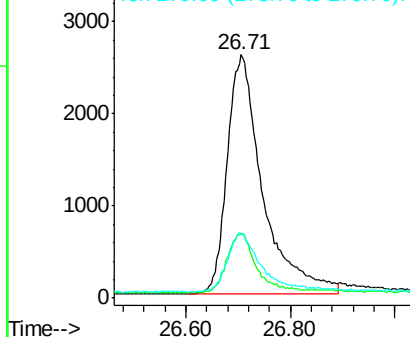
278 100

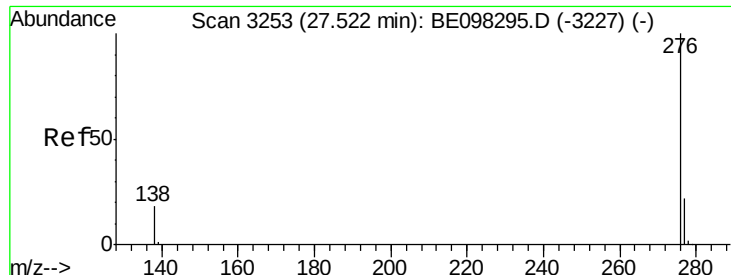
139 26.5 14.5 21.7#

279 26.5 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: 0.380 ng

RT: 27.50 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BE098433.D

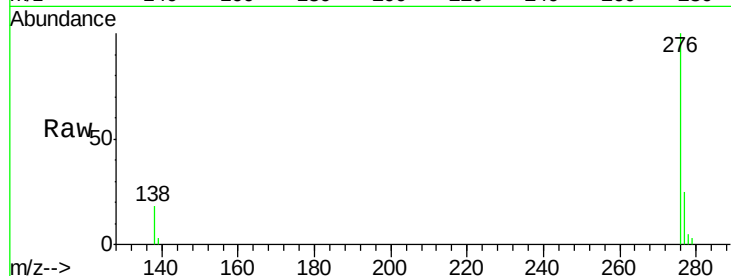
Acq: 14 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



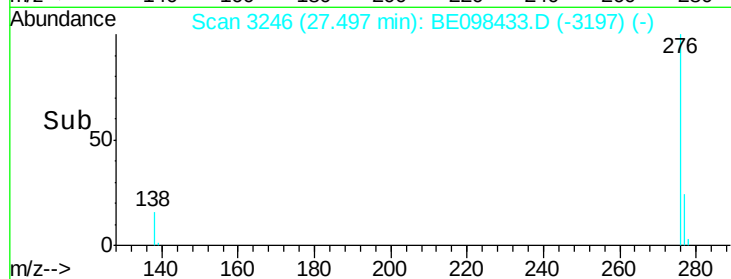
Tgt Ion: 276 Resp: 12308

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 18.1 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

