

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
 Data File : BE098201.D
 Acq On : 12 Nov 2018 22:32
 Operator : SJ/JU
 Sample : PB114718BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114718BS

Quant Time: Nov 13 03:50:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	997	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3940	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2434	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	6909	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8891	0.40	ng	0.00
34) Perylene-d12	24.01	264	8382	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	294	0.10	ng	0.00
5) Phenol-d6	7.05	99	623	0.14	ng	0.00
8) Nitrobenzene-d5	9.02	82	297	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	370	0.05	ng	-0.04
14) 2,4,6-Tribromophenol	16.02	330	218	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1150	0.11	ng	0.00
25) Fluoranthene-d10	19.31	212	65	0.00	ng	0.00
29) Terphenyl-d14	19.91	244	2247	0.11	ng	0.00

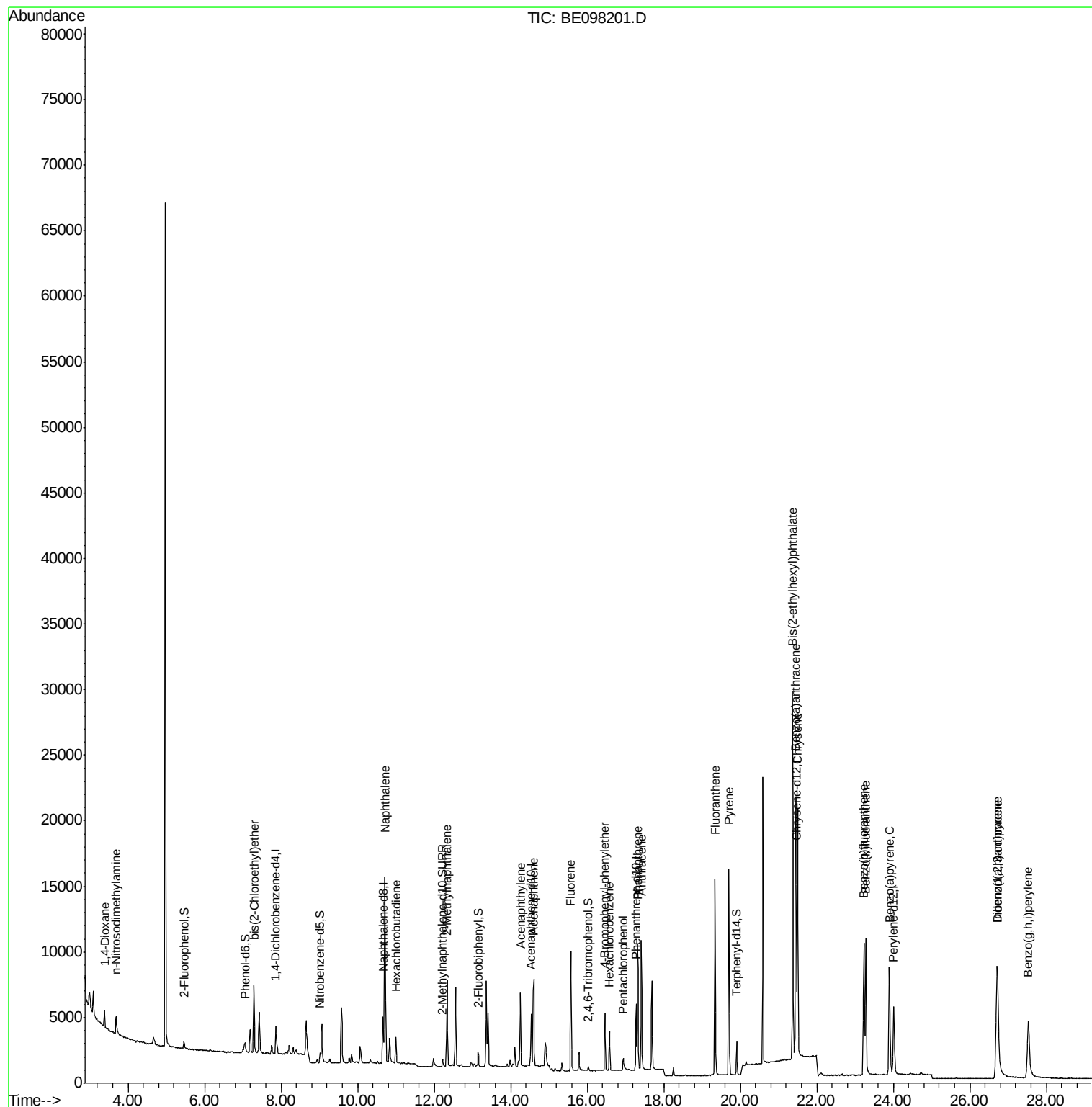
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	712	0.475	ng	# 49
3) n-Nitrosodimethylamine	3.68	42	1187	0.607	ng	# 86
6) bis(2-Chloroethyl)ether	7.29	93	1914	0.525	ng	99
9) Naphthalene	10.72	128	24765	0.618	ng	99
10) Hexachlorobutadiene	11.00	225	1408	0.565	ng	97
12) 2-Methylnaphthalene	12.34	142	4282	0.616	ng	94
16) Acenaphthylene	14.25	152	6975	0.625	ng	99
17) Acenaphthene	14.60	154	3963	0.582	ng	98
18) Fluorene	15.57	166	5861	0.672	ng	97
20) 4-Bromophenyl-phenylether	16.46	248	2199	0.522	ng	94
21) Hexachlorobenzene	16.58	284	2330	0.532	ng	99
22) Pentachlorophenol	16.94	266	699	0.796	ng	98
23) Phenanthrene	17.32	178	10918	0.634	ng	99
24) Anthracene	17.41	178	10438	0.651	ng	99
26) Fluoranthene	19.34	202	14580	0.684	ng	99
28) Pyrene	19.70	202	14920	0.610	ng	100
30) Benzo(a)anthracene	21.45	228	16437	0.651	ng	99
31) Chrysene	21.50	228	16164	0.630	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	30800	0.587	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	15781	0.671	ng	# 91
35) Benzo(b)fluoranthene	23.23	252	15329	0.645	ng	96
36) Benzo(k)fluoranthene	23.28	252	15743	0.627	ng	99
37) Benzo(a)pyrene	23.90	252	14772	0.648	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	12889	0.663	ng	# 92
39) Benzo(g,h,i)perylene	27.52	276	13322	0.657	ng	98

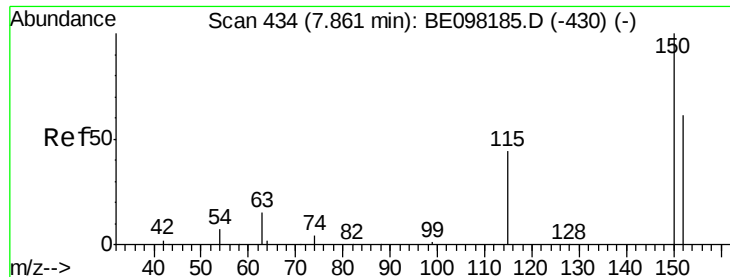
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098201.D
Acq On : 12 Nov 2018 22:32
Operator : SJ/JU
Sample : PB114718BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Quant Time: Nov 13 03:50:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

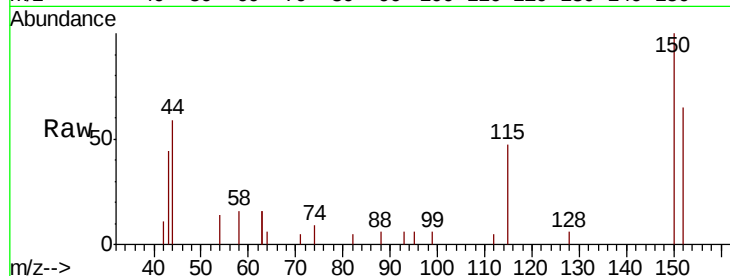
Tgt Ion:152 Resp: 997

Ion Ratio Lower Upper

152 100

150 153.2 127.5 191.3

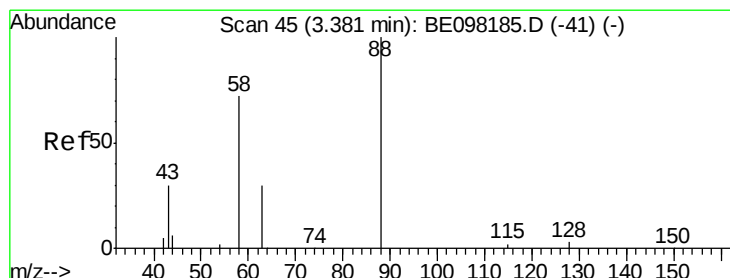
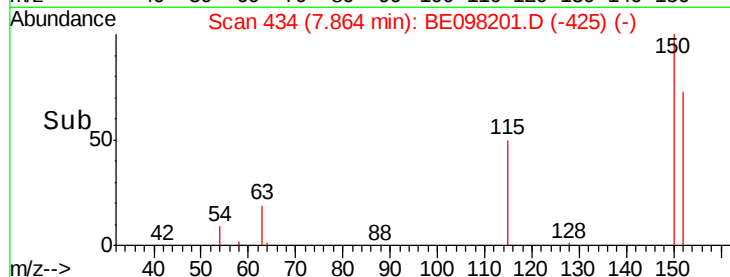
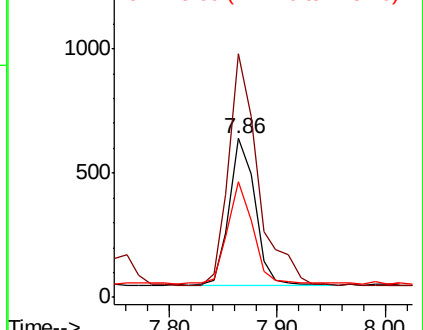
115 72.6 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.475 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

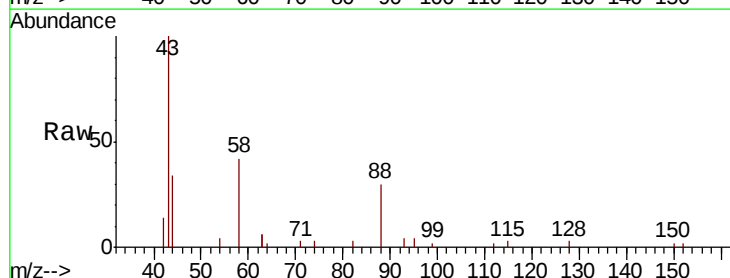
Tgt Ion: 88 Resp: 712

Ion Ratio Lower Upper

88 100

58 109.1 79.0 118.4

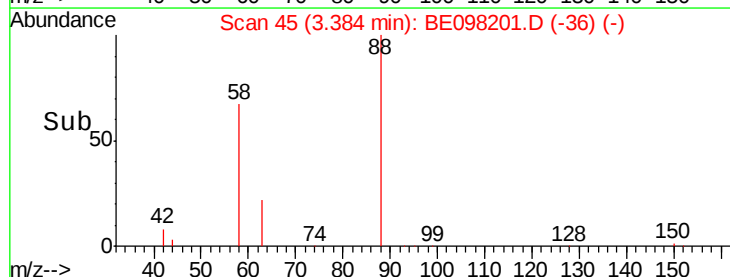
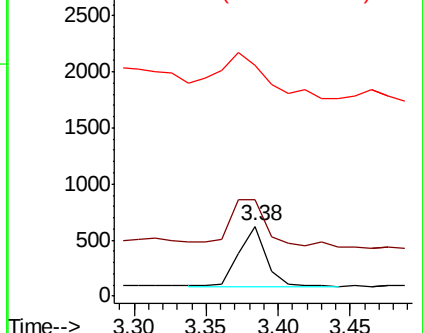
43 137.9 38.1 57.1#

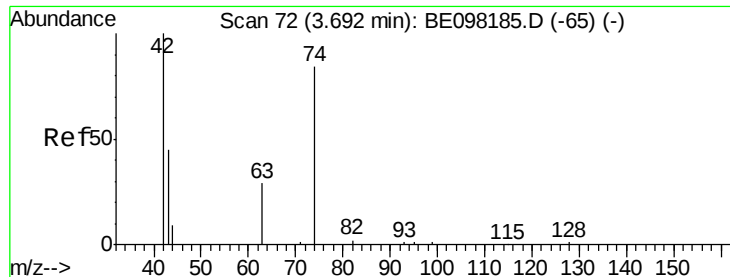


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.607 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

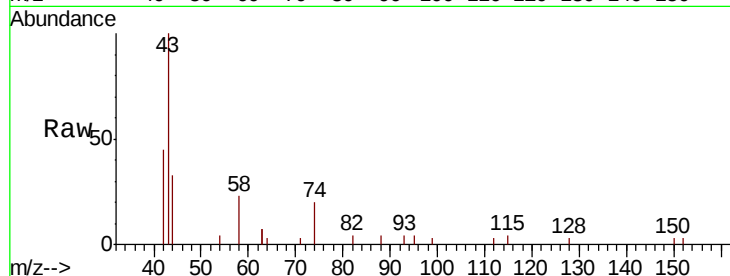
Tgt Ion: 42 Resp: 1187

Ion Ratio Lower Upper

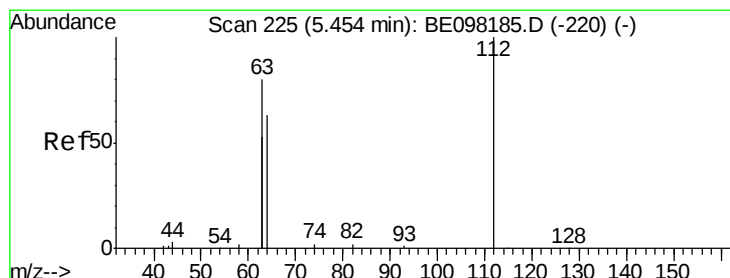
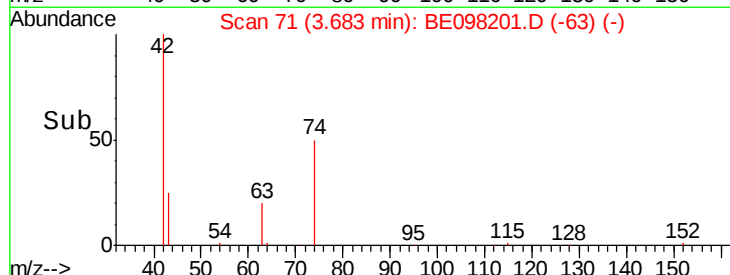
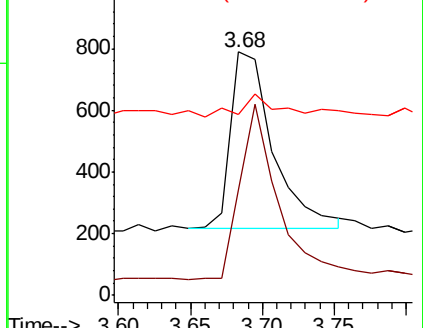
42 100

74 88.5 61.7 92.5

44 9.6 14.0 21.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.104 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

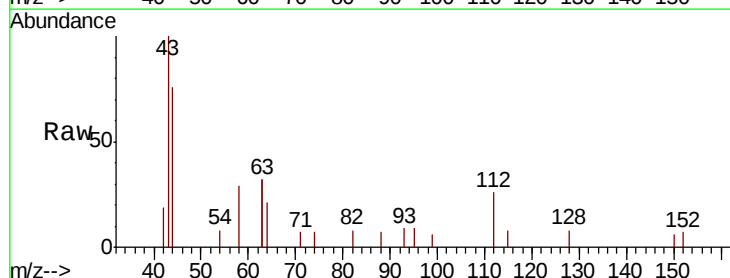
Tgt Ion: 112 Resp: 294

Ion Ratio Lower Upper

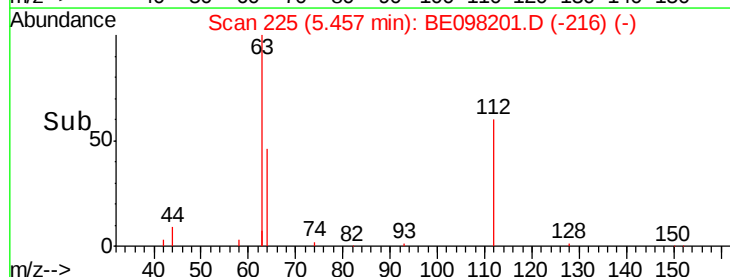
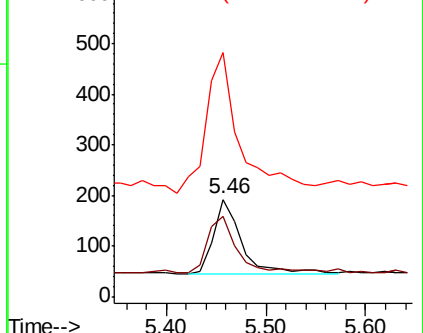
112 100

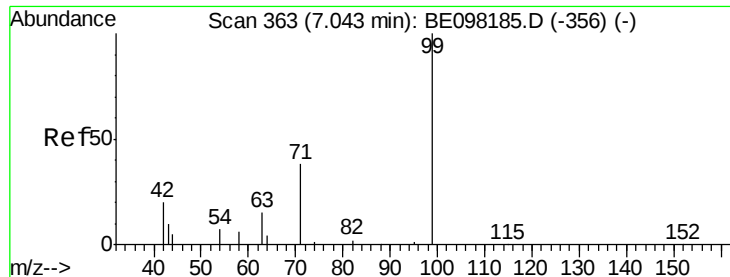
64 72.8 61.7 92.5

63 225.2 136.2 204.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.138 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

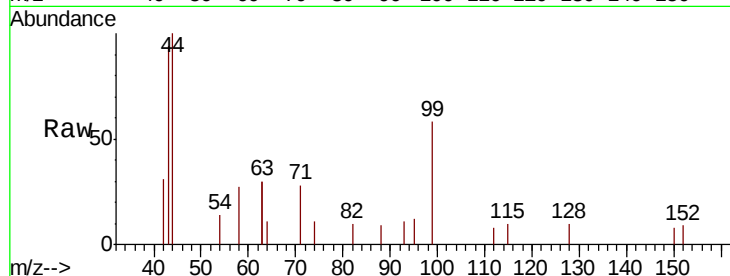
Tgt Ion: 99 Resp: 623

Ion Ratio Lower Upper

99 100

42 38.5 27.1 40.7

71 41.1 37.0 55.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.05

400

300

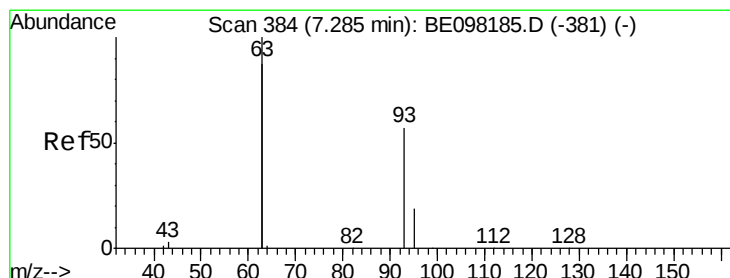
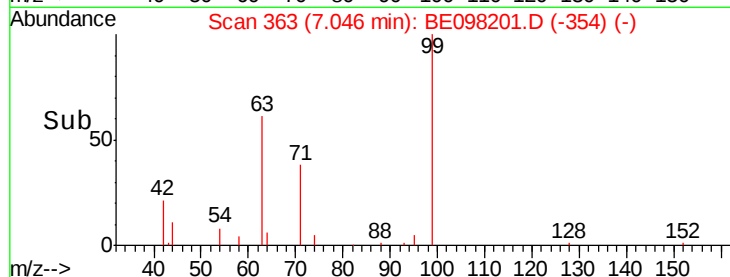
200

100

0

7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.525 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

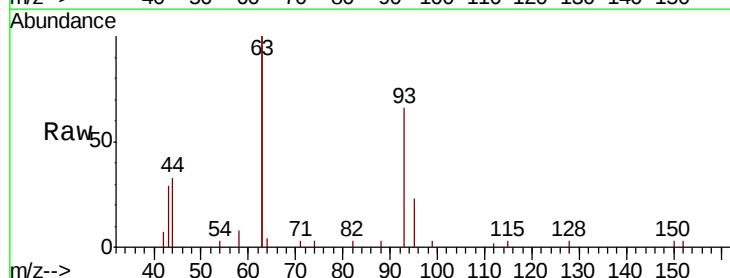
Tgt Ion: 93 Resp: 1914

Ion Ratio Lower Upper

93 100

63 339.0 272.6 409.0

95 31.6 27.1 40.7



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

5000

4000

3000

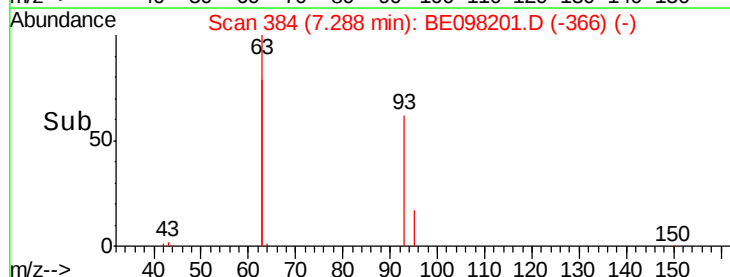
2000

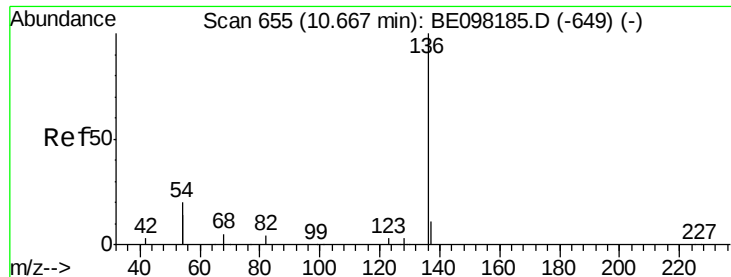
1000

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: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

Tgt Ion: 136 Resp: 3940

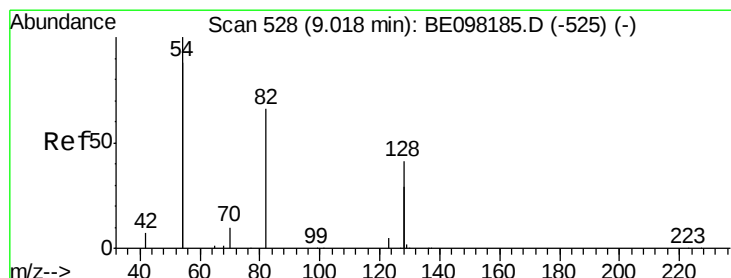
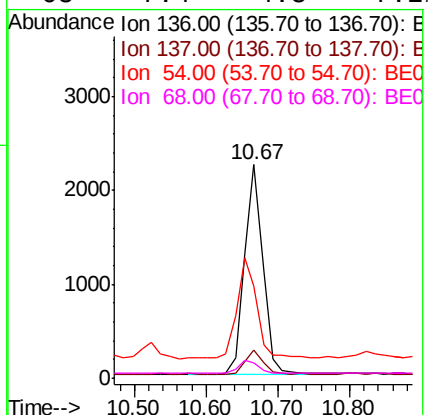
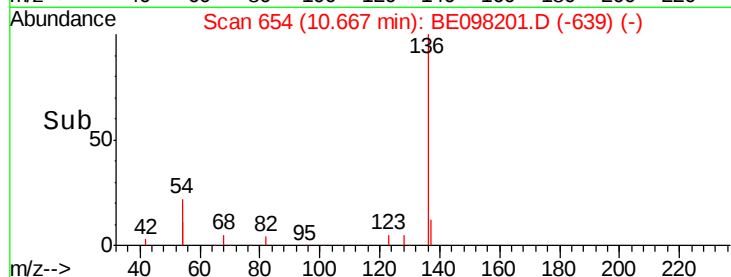
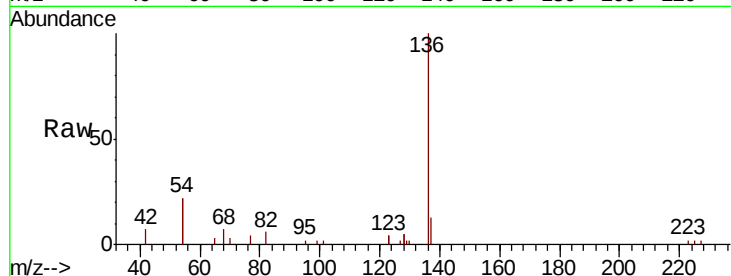
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 43.1 31.3 46.9

68 7.4 4.8 7.2#



#8

Nitrobenzene-d5

Concen: 0.076 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

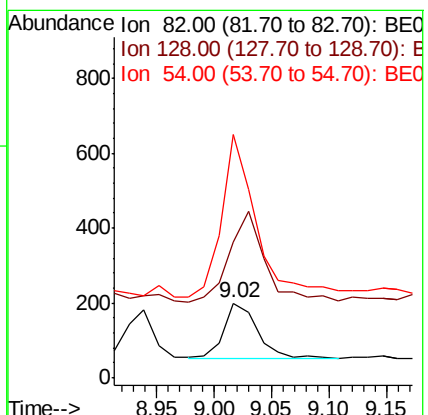
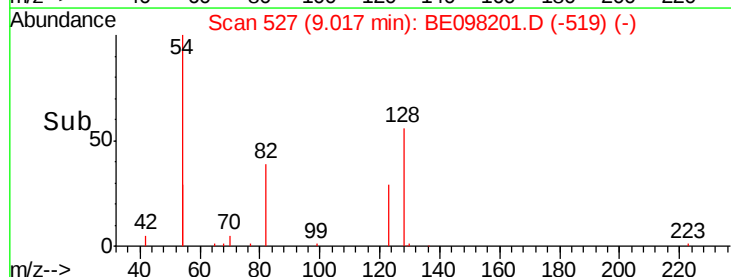
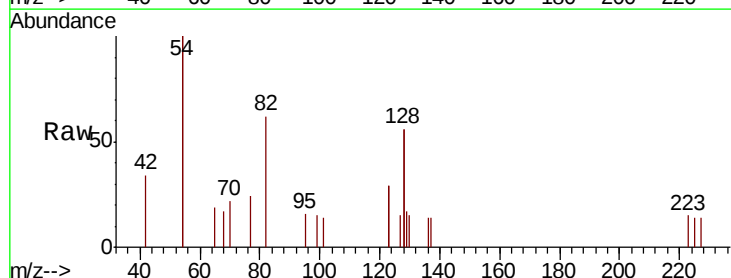
Tgt Ion: 82 Resp: 297

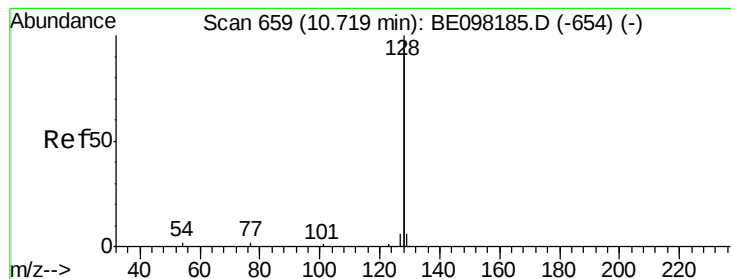
Ion Ratio Lower Upper

82 100

128 181.0 96.1 144.1#

54 325.0 232.0 348.0





#9

Naphthalene

Concen: 0.618 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

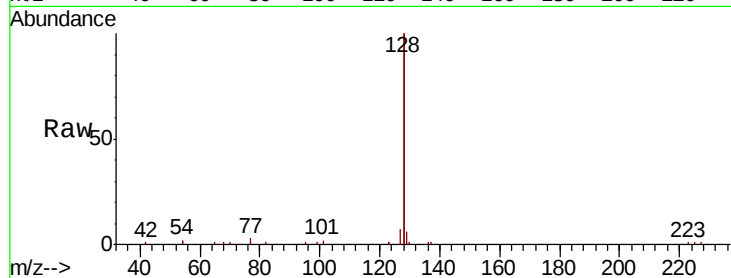
Tgt Ion:128 Resp: 24765

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

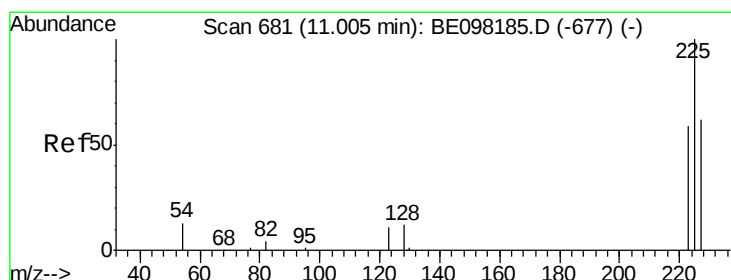
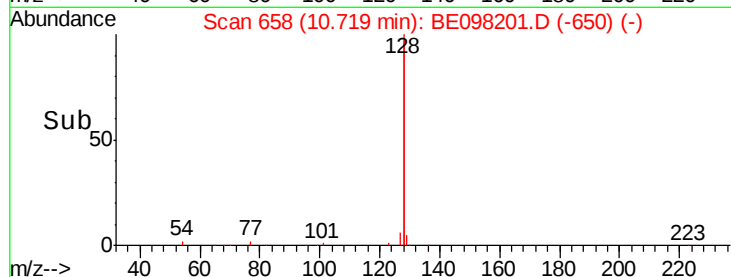
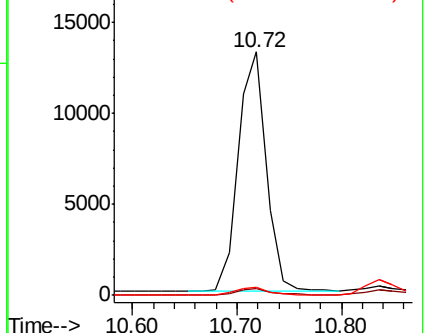
127 3.6 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.565 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

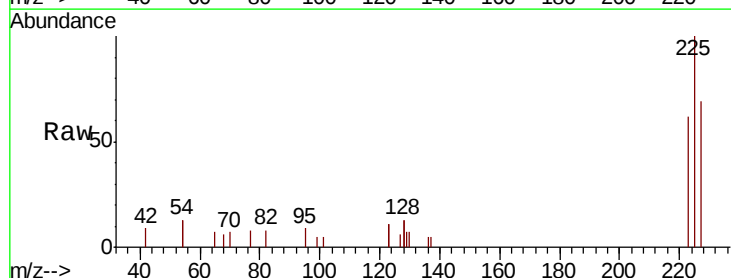
Tgt Ion:225 Resp: 1408

Ion Ratio Lower Upper

225 100

223 65.3 50.5 75.7

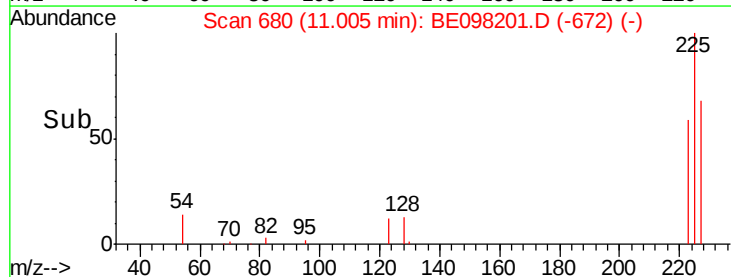
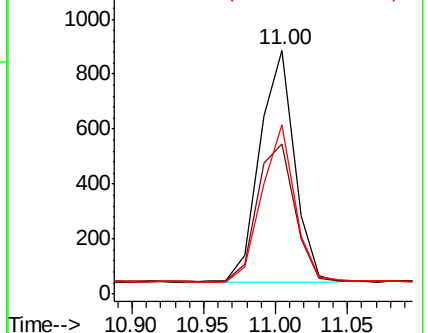
227 64.9 50.3 75.5

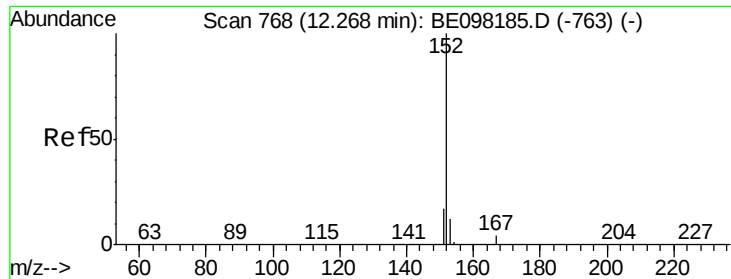


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

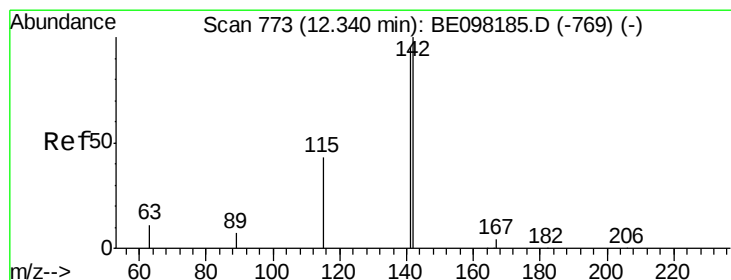
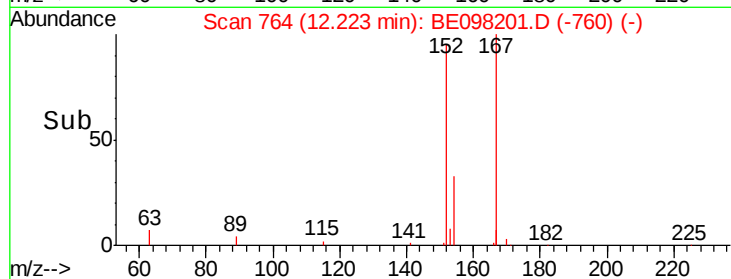
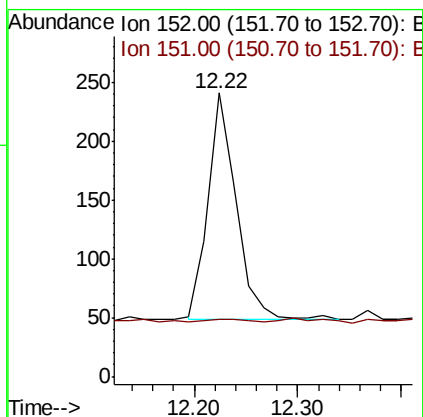
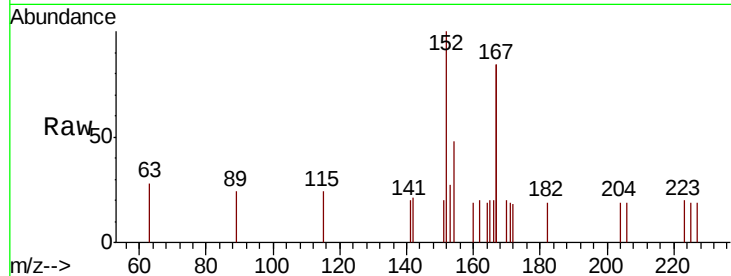




#11
2-Methylnaphthalene-d10
Concen: 0.054 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.04 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

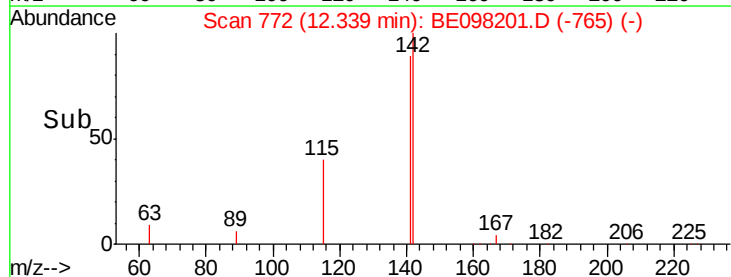
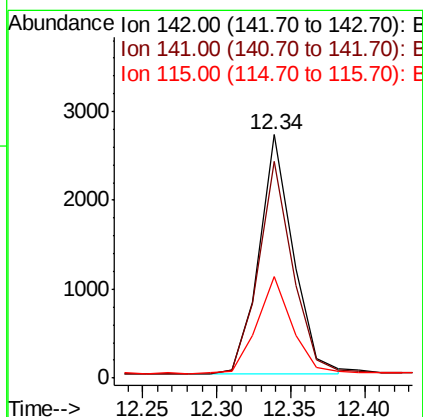
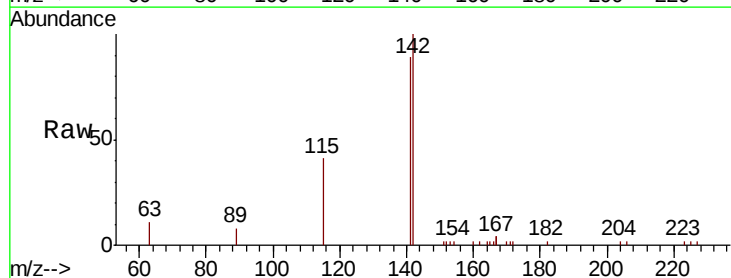
Instrument :
BNA_E
ClientSampleId :
PB114718BS

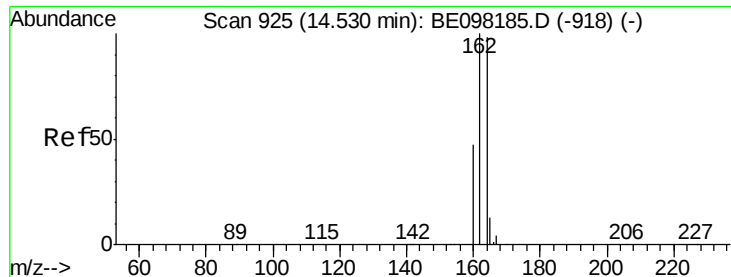
Tgt Ion:152 Resp: 370
Ion Ratio Lower Upper
152 100
151 1.4 15.4 23.2#



#12
2-Methylnaphthalene
Concen: 0.616 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:142 Resp: 4282
Ion Ratio Lower Upper
142 100
141 89.0 76.3 114.5
115 41.5 35.8 53.8

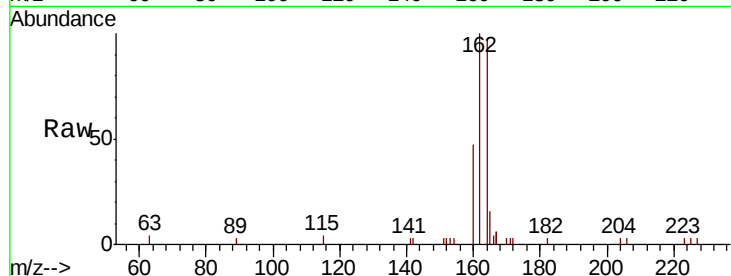




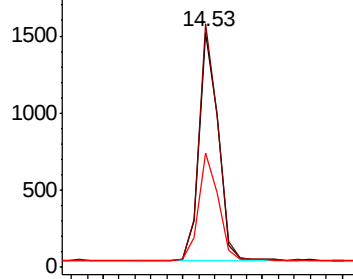
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

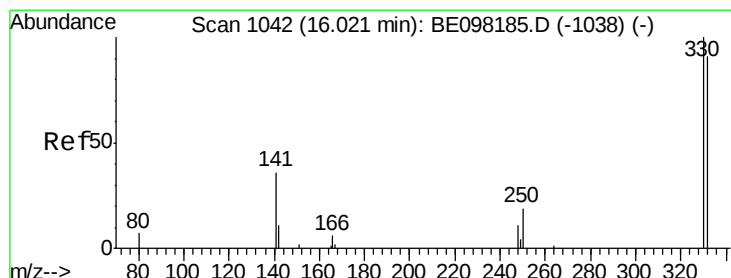
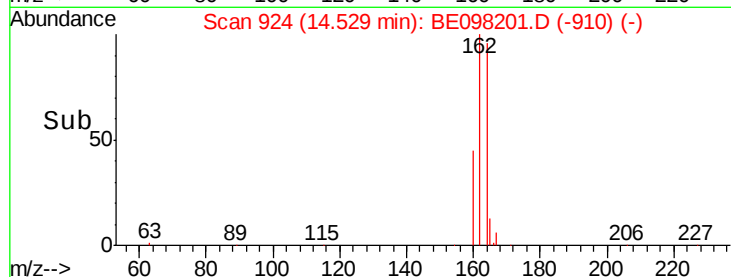
Tgt Ion:164 Resp: 2434
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 48.8 39.4 59.0



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

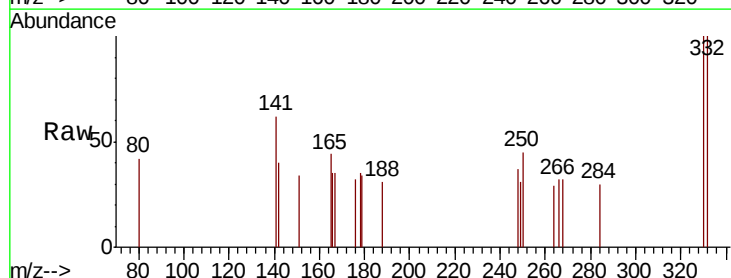


Time-->

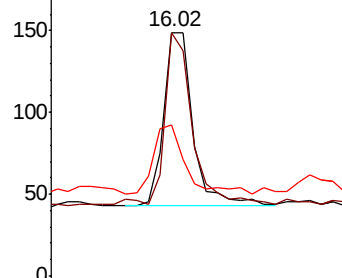


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

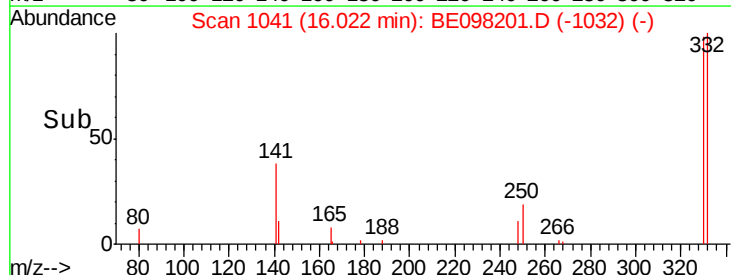
Tgt Ion:330 Resp: 218
Ion Ratio Lower Upper
330 100
332 94.0 77.7 116.5
141 43.1 33.6 50.4

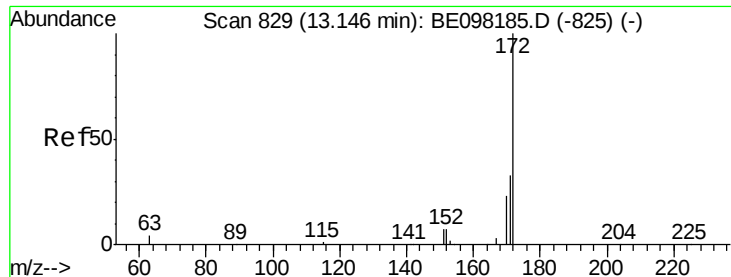


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

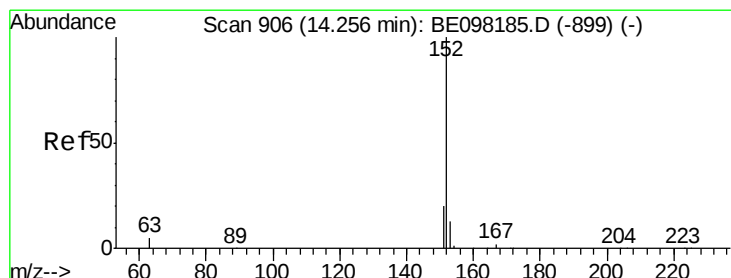
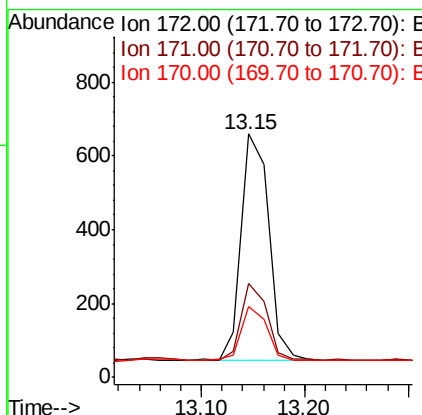
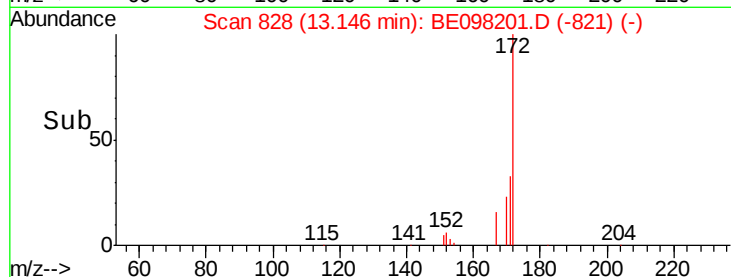
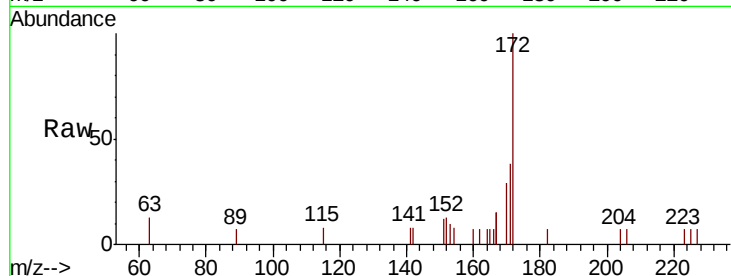




#15
2-Fluorobiphenyl
Concen: 0.113 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

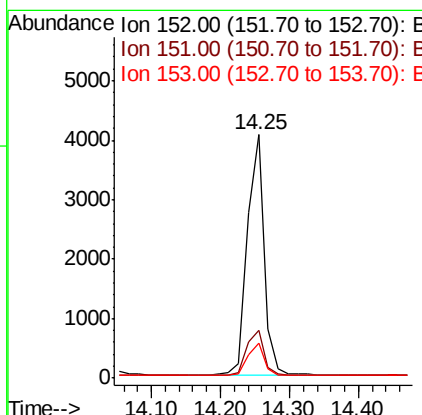
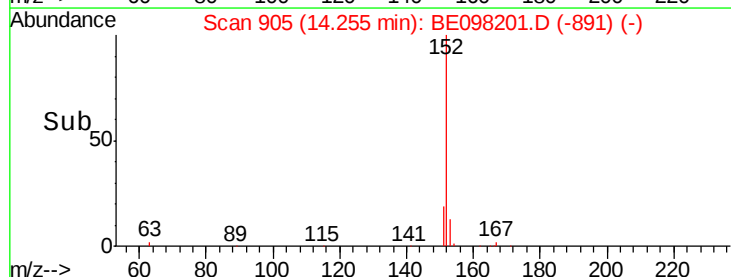
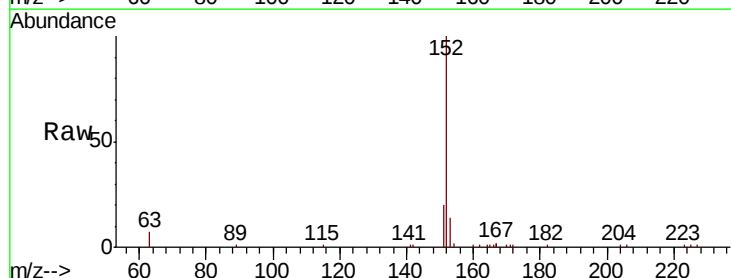
Instrument :
BNA_E
ClientSampleId :
PB114718BS

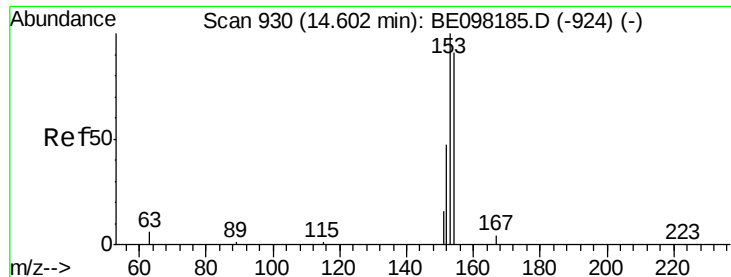
Tgt Ion:172 Resp: 1150
Ion Ratio Lower Upper
172 100
171 38.5 27.3 40.9
170 29.1 19.4 29.0#



#16
Acenaphthylene
Concen: 0.625 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:152 Resp: 6975
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.582 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

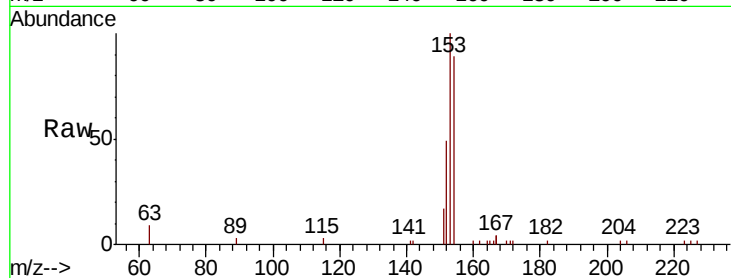
Tgt Ion:154 Resp: 3963

Ion Ratio Lower Upper

154 100

153 117.5 92.1 138.1

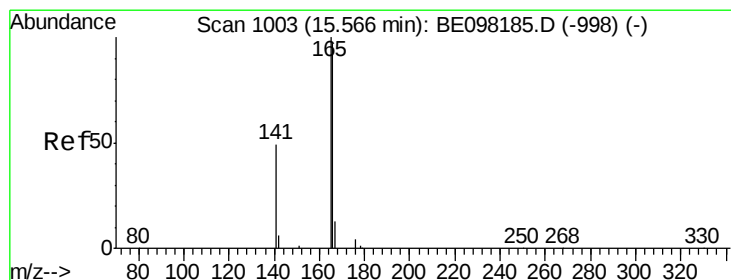
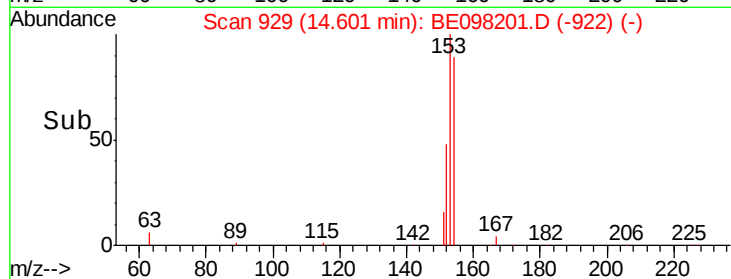
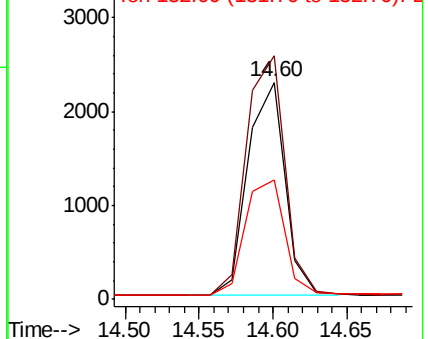
152 57.4 46.2 69.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.672 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

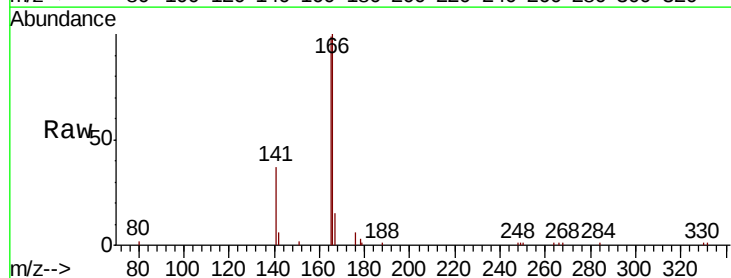
Tgt Ion:166 Resp: 5861

Ion Ratio Lower Upper

166 100

165 97.0 80.1 120.1

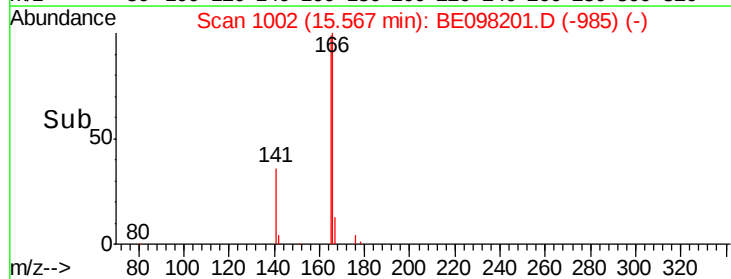
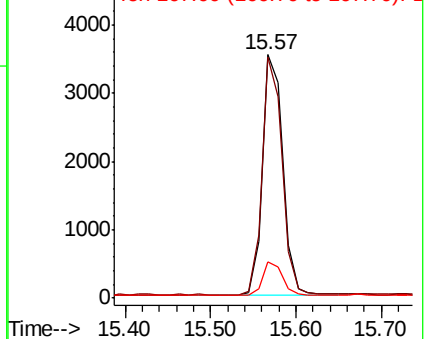
167 13.4 10.8 16.2

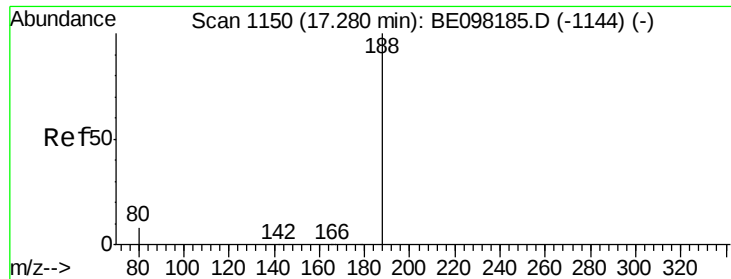


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

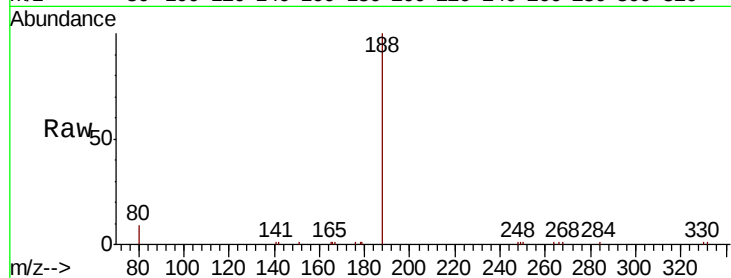
Tgt Ion:188 Resp: 6909

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

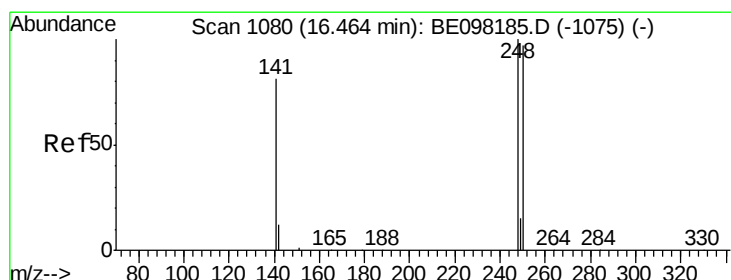
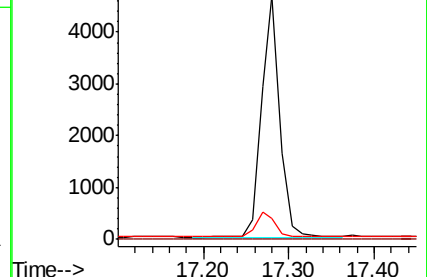
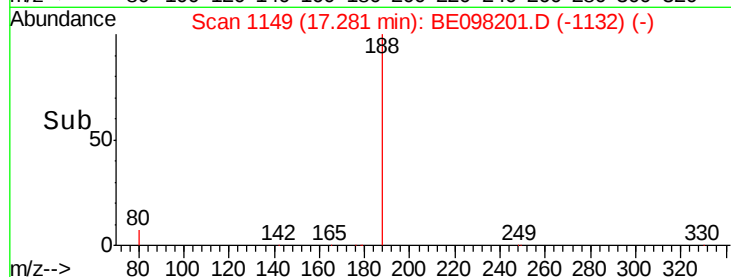
80 8.5 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.522 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

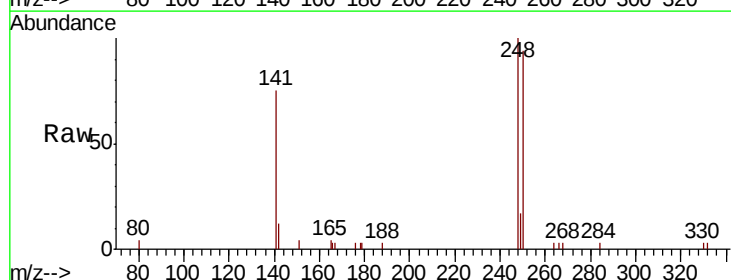
Tgt Ion:248 Resp: 2199

Ion Ratio Lower Upper

248 100

250 94.1 77.6 116.4

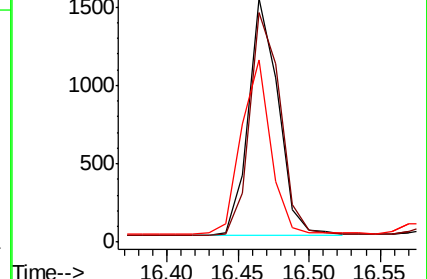
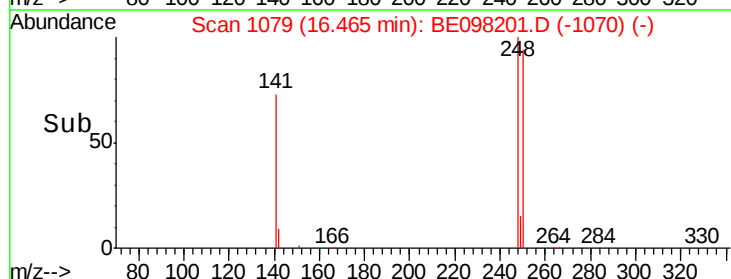
141 74.6 65.8 98.8

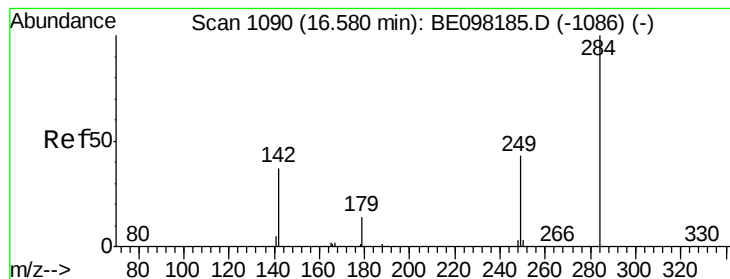


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.532 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

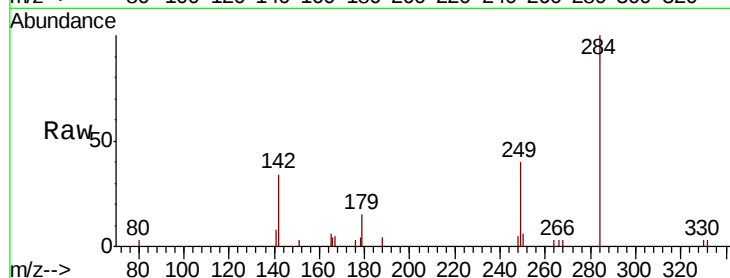
Tgt Ion:284 Resp: 2330

Ion Ratio Lower Upper

284 100

142 33.7 26.5 39.7

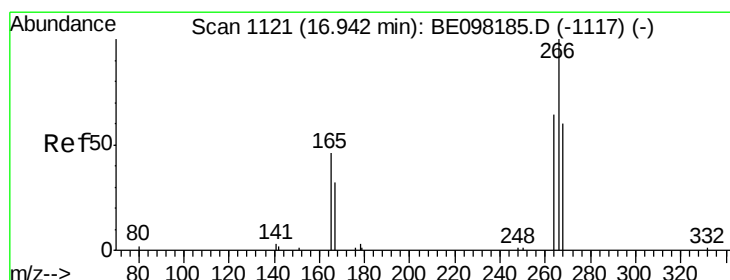
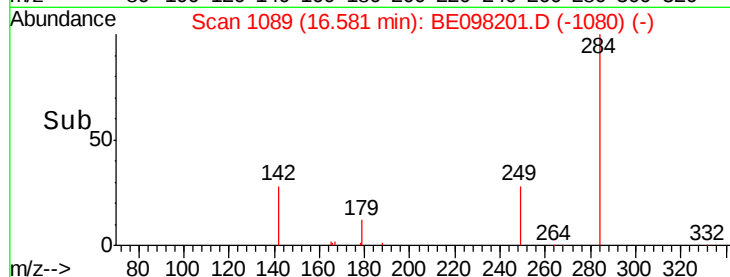
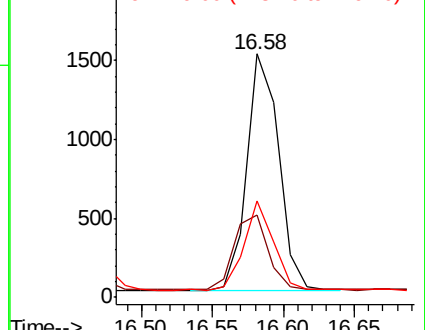
249 34.9 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.796 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

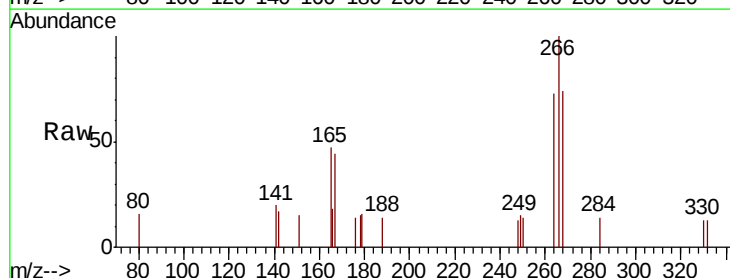
Tgt Ion:266 Resp: 699

Ion Ratio Lower Upper

266 100

264 72.6 57.6 86.4

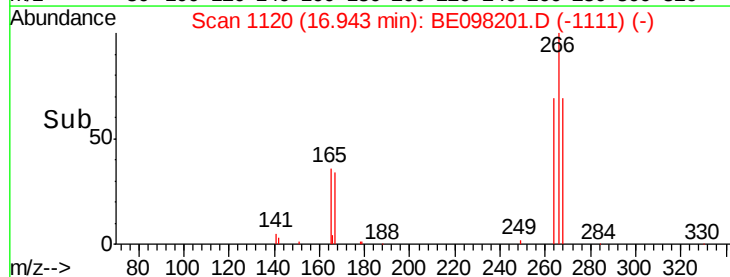
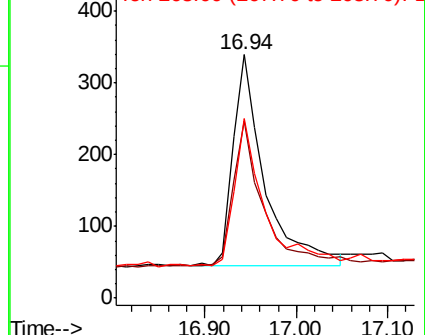
268 74.0 56.8 85.2

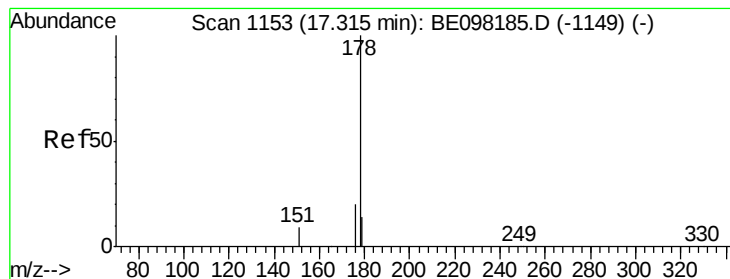


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.634 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

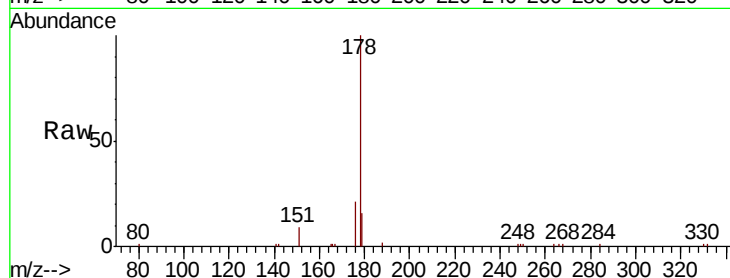
Tgt Ion:178 Resp: 10918

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

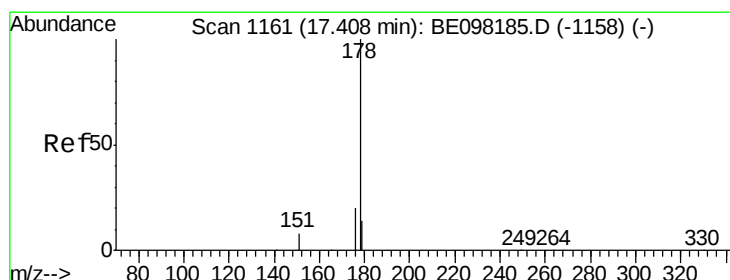
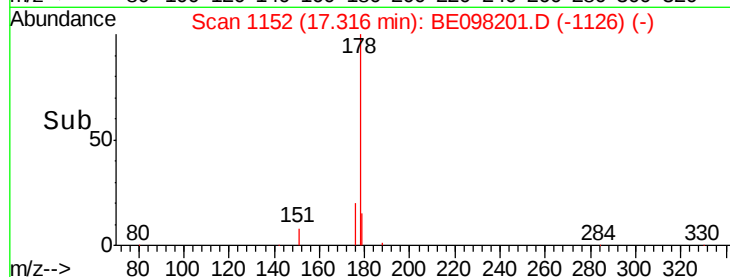
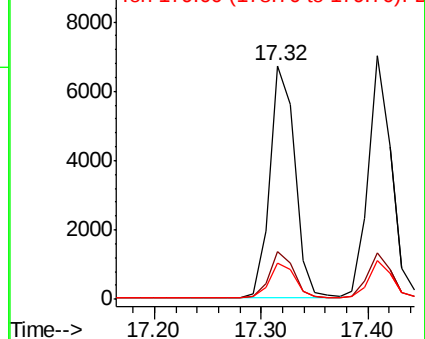
179 15.0 12.3 18.5



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: 0.651 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

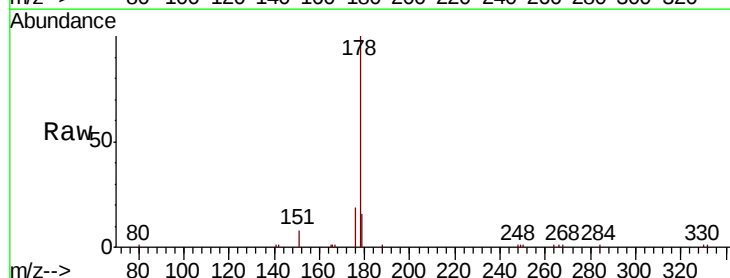
Tgt Ion:178 Resp: 10438

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

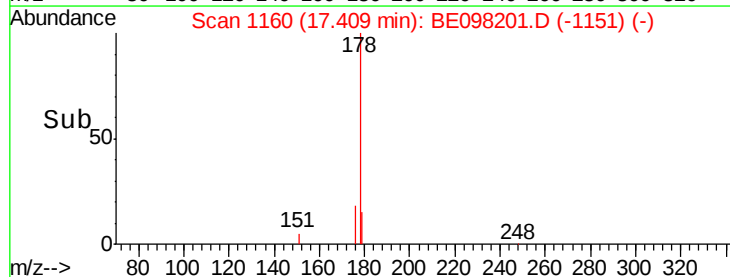
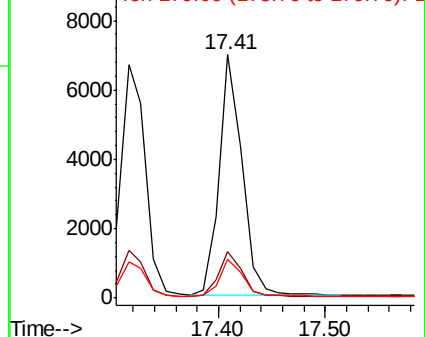
179 15.1 12.1 18.1

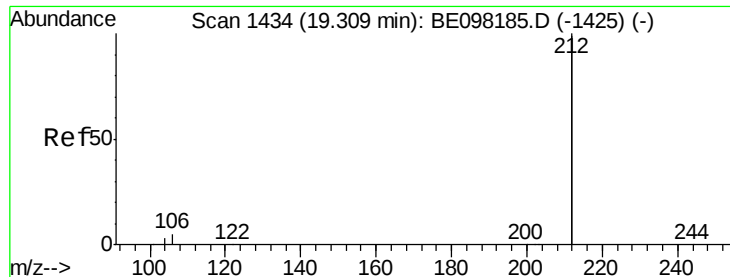


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

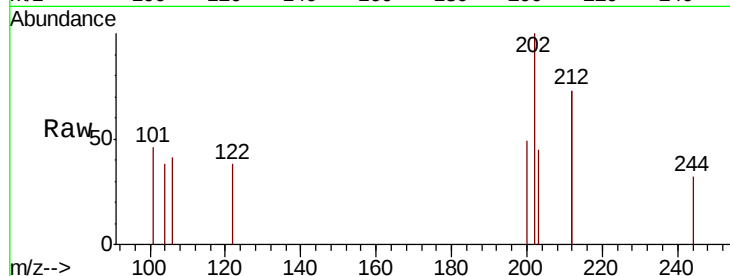
Tgt Ion:212 Resp: 65

Ion Ratio Lower Upper

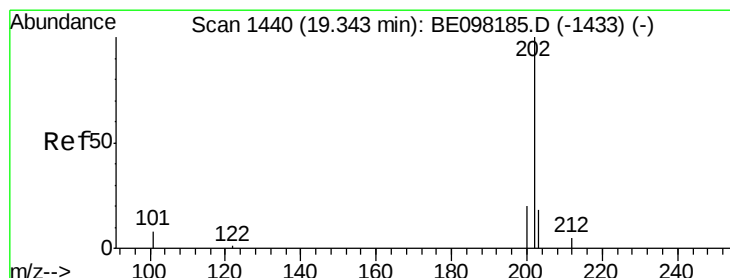
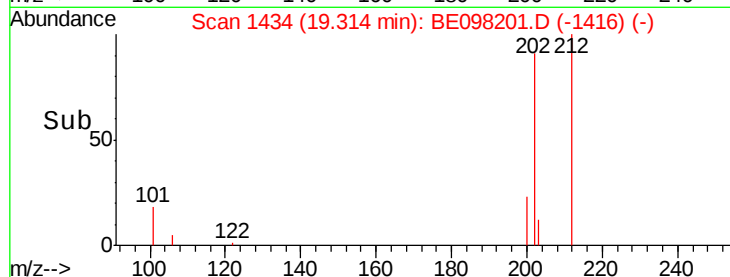
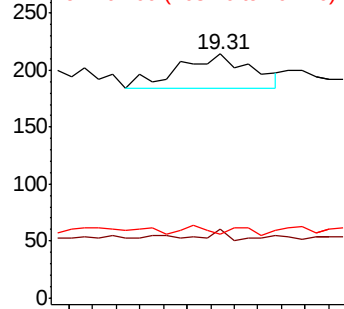
212 100

106 4.6 1.8 2.8#

104 7.7 1.1 1.7#



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



#26

Fluoranthene

Concen: 0.684 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

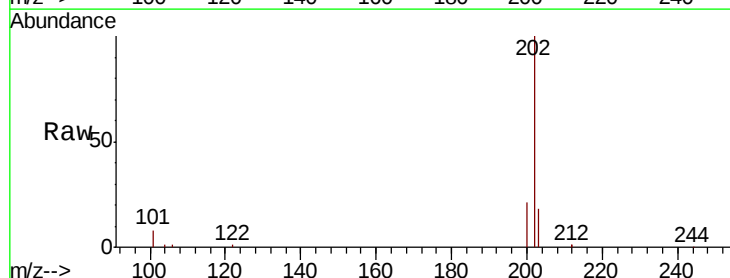
Tgt Ion:202 Resp: 14580

Ion Ratio Lower Upper

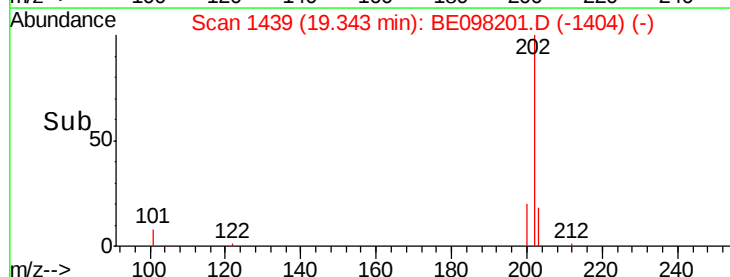
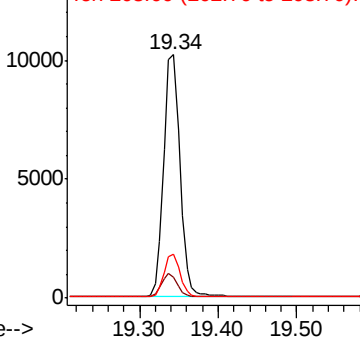
202 100

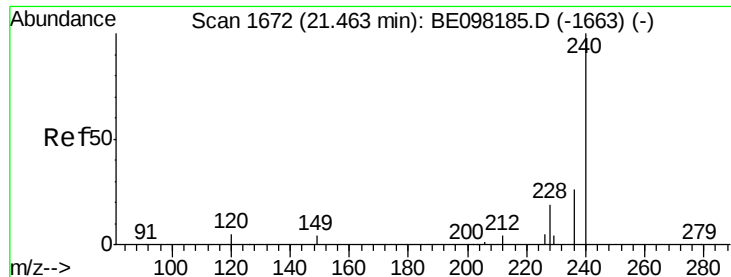
101 9.2 7.0 10.6

203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

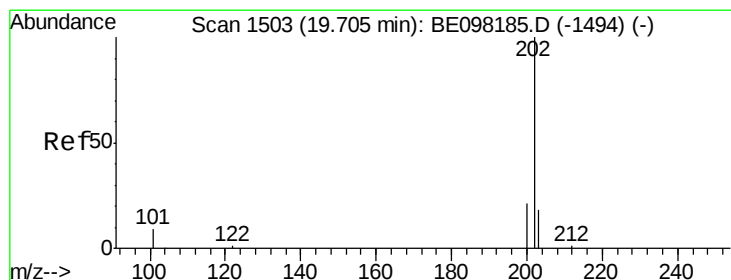
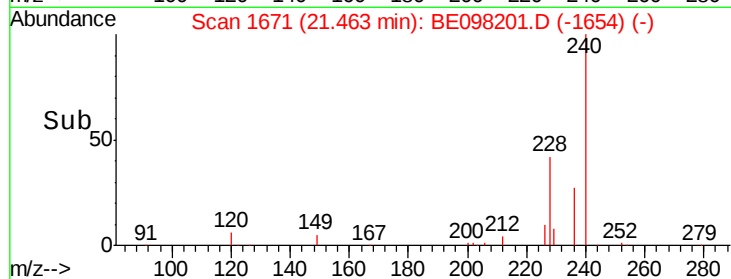
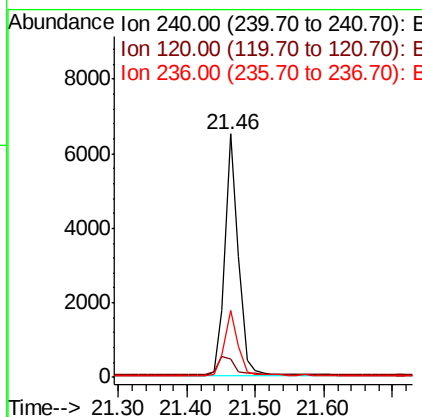
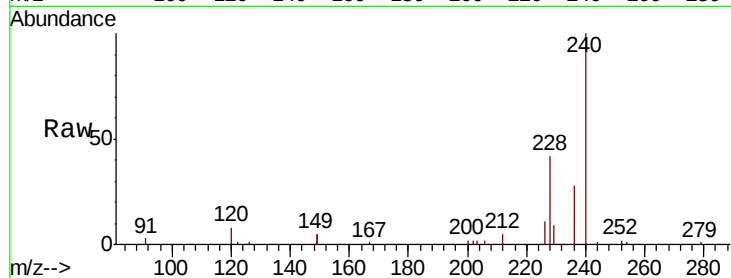




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

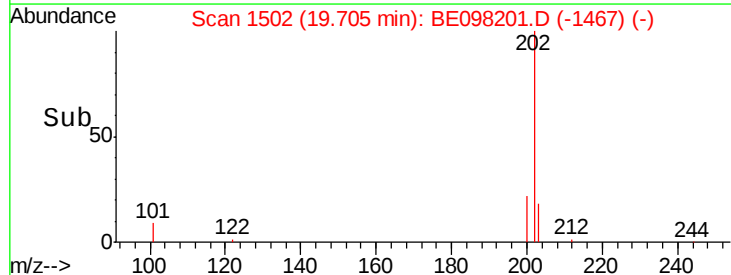
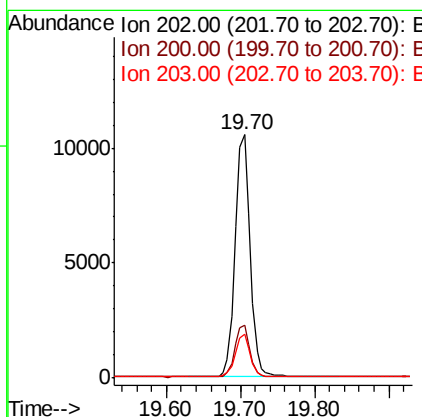
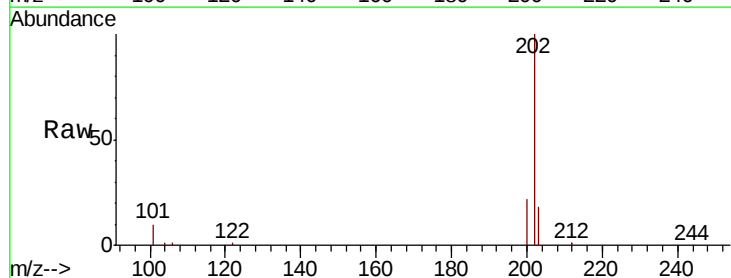
Instrument :
BNA_E
ClientSampleId :
PB114718BS

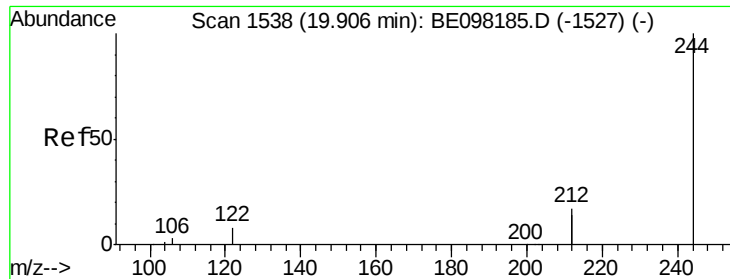
Tgt Ion:240 Resp: 8891
Ion Ratio Lower Upper
240 100
120 7.6 4.8 7.2#
236 27.7 21.4 32.0



#28
Pyrene
Concen: 0.610 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:202 Resp: 14920
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.111 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

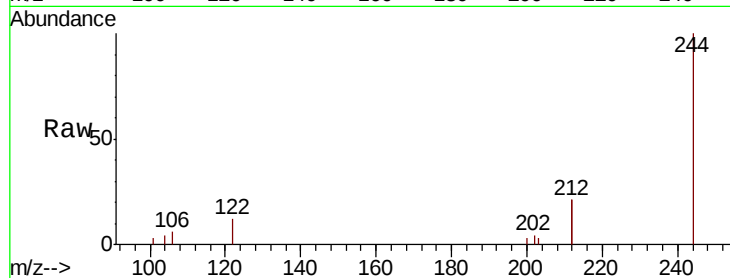
Tgt Ion:244 Resp: 2247

Ion Ratio Lower Upper

244 100

212 41.8 26.8 40.2#

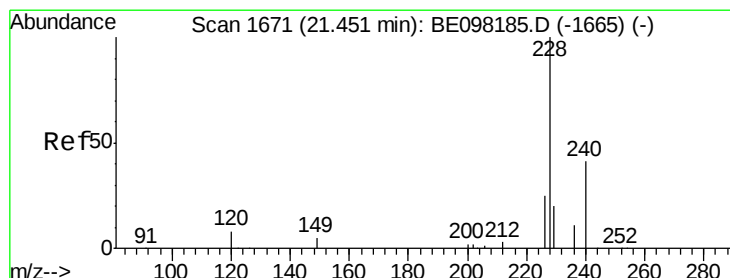
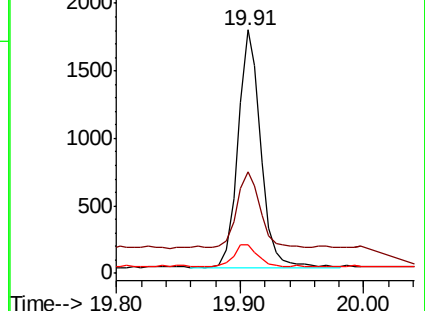
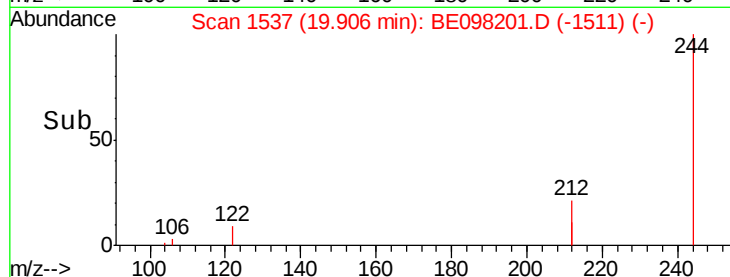
122 11.6 7.0 10.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.651 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

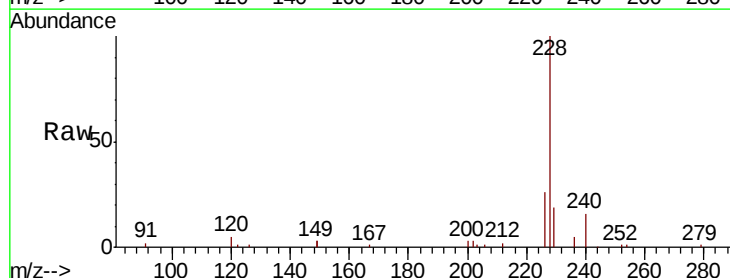
Tgt Ion:228 Resp: 16437

Ion Ratio Lower Upper

228 100

226 26.4 20.7 31.1

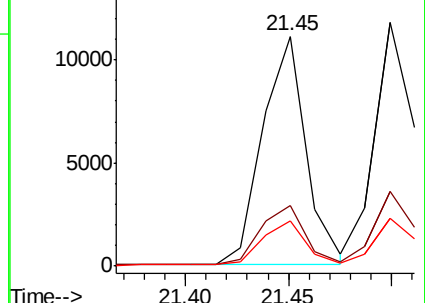
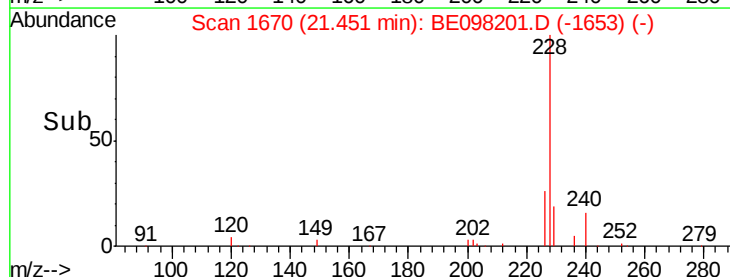
229 19.4 16.2 24.4

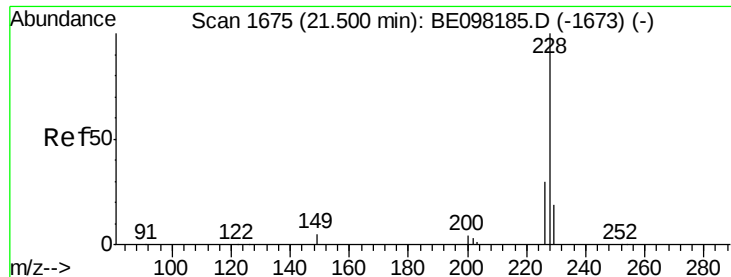


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.630 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

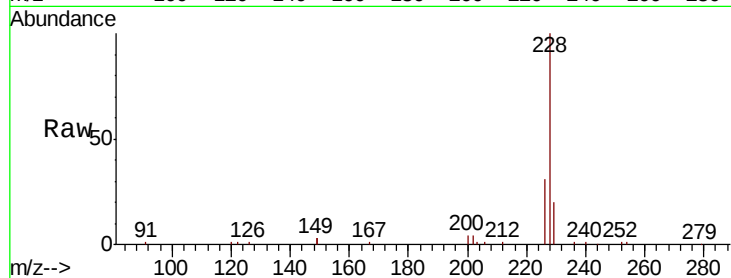
Tgt Ion:228 Resp: 16164

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

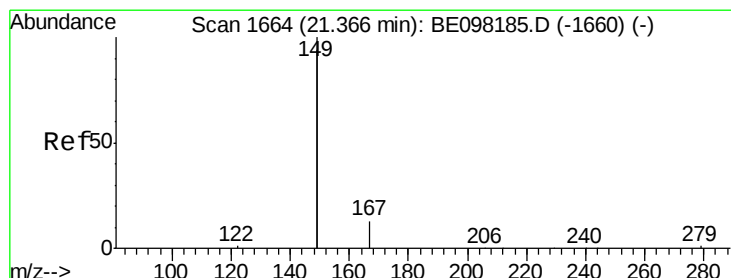
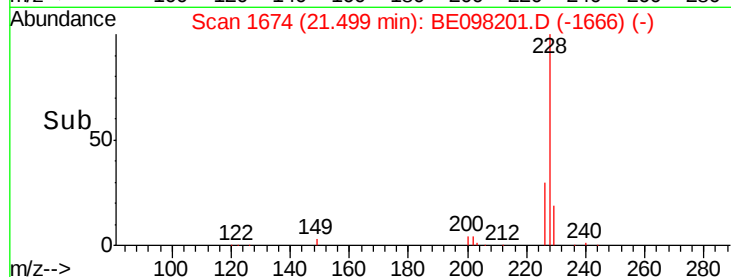
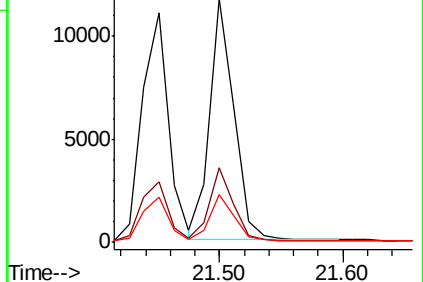
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.587 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

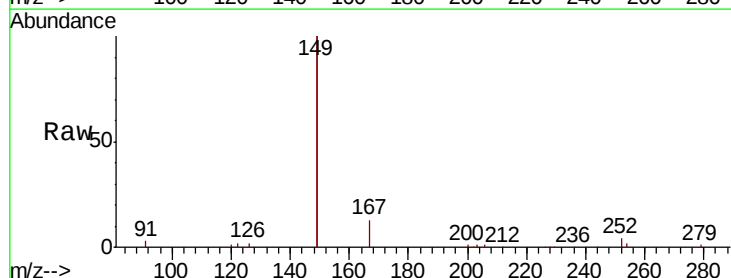
Tgt Ion:149 Resp: 30800

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

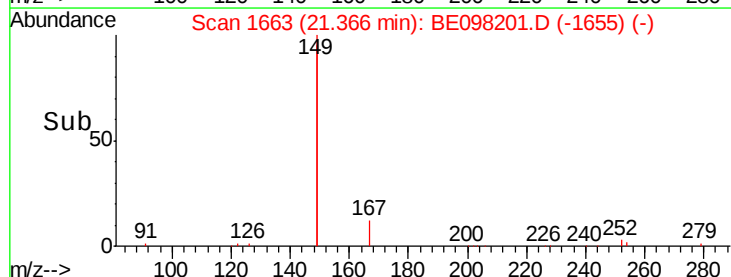
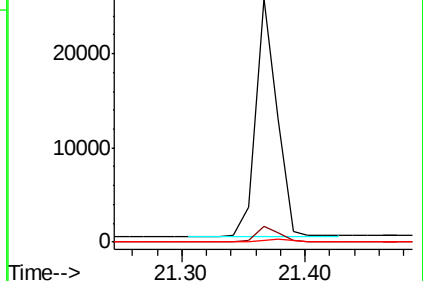
279 1.1 0.9 1.3

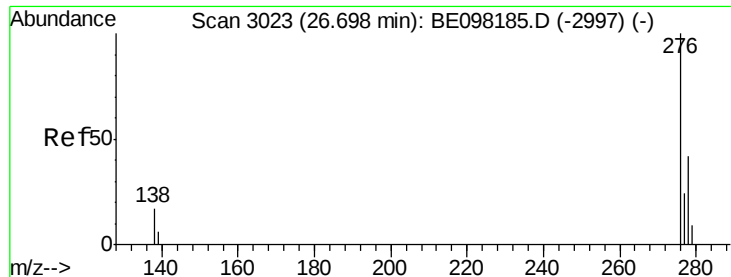


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.671 ng

RT: 26.70 min Scan# 3024

Delta R.T. 0.01 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

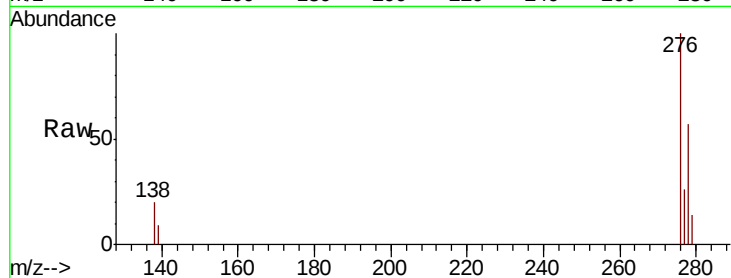
Tgt Ion:276 Resp: 15781

Ion Ratio Lower Upper

276 100

138 18.5 6.4 9.6#

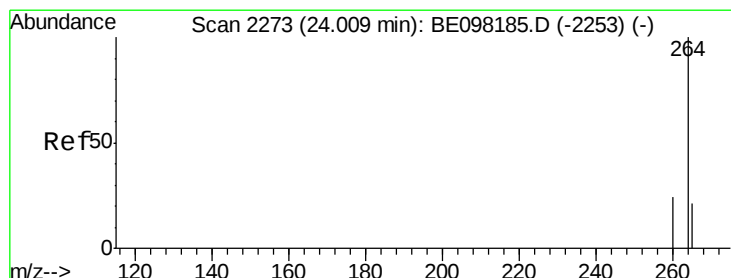
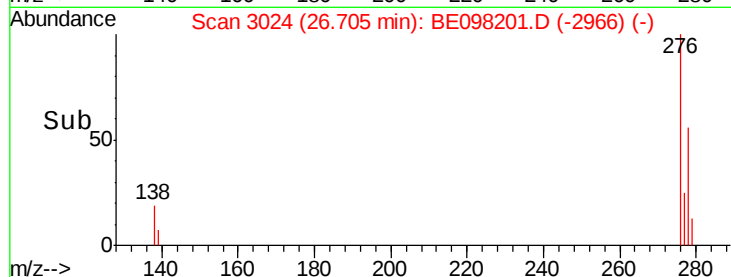
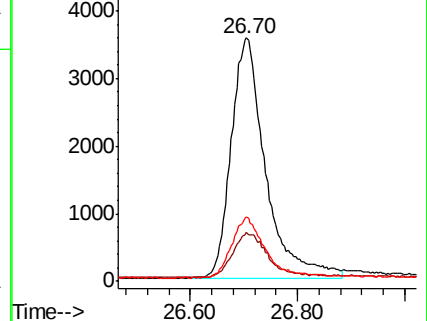
277 24.5 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

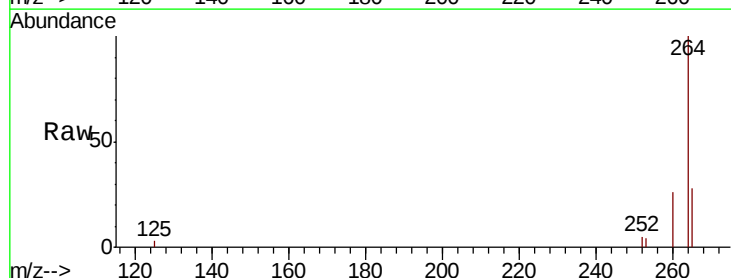
Tgt Ion:264 Resp: 8382

Ion Ratio Lower Upper

264 100

260 26.4 19.9 29.9

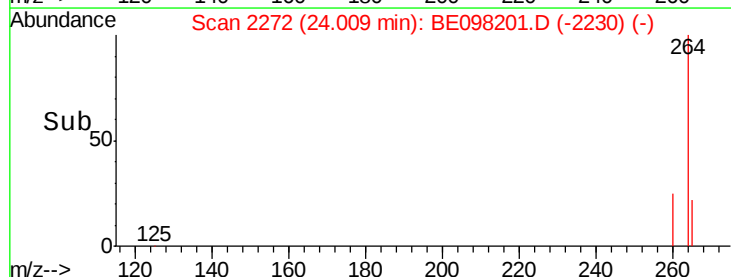
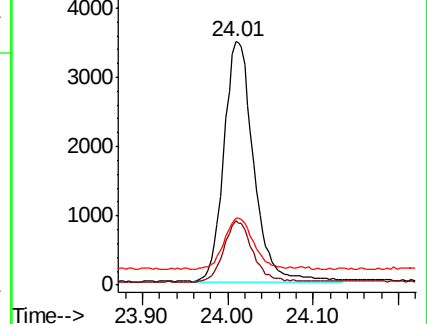
265 27.7 21.3 31.9

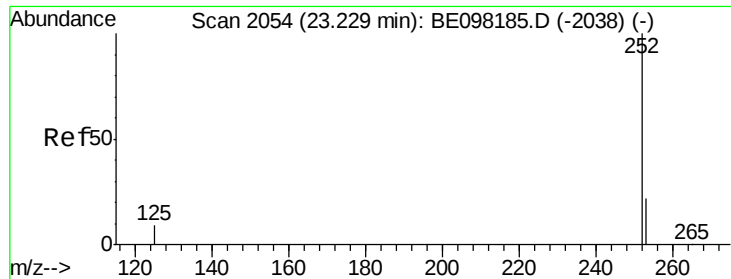


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.645 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

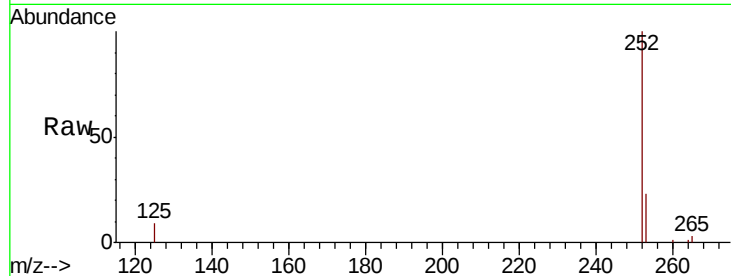
Tgt Ion:252 Resp: 15329

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.0

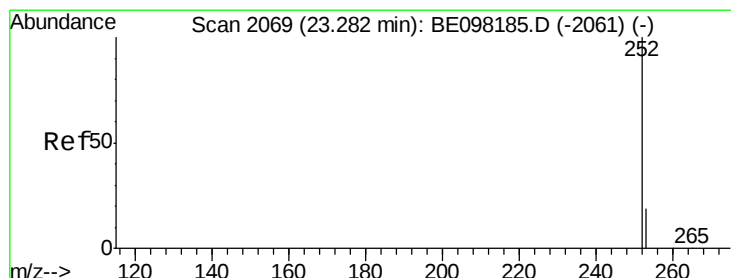
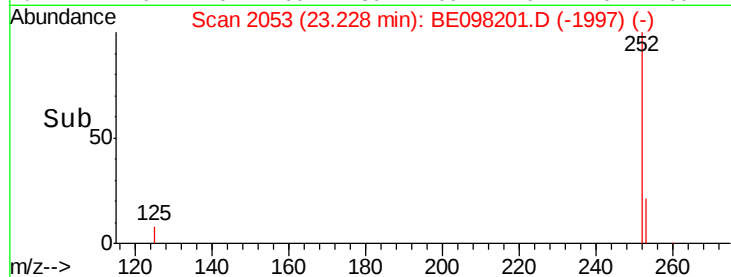
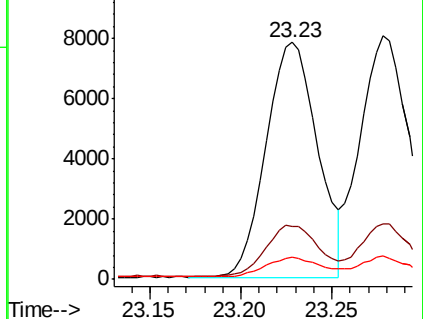
125 9.3 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.627 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

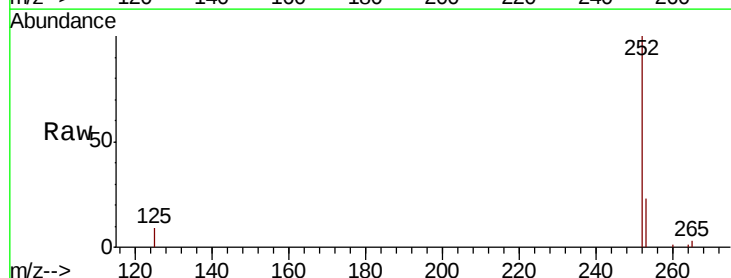
Tgt Ion:252 Resp: 15743

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

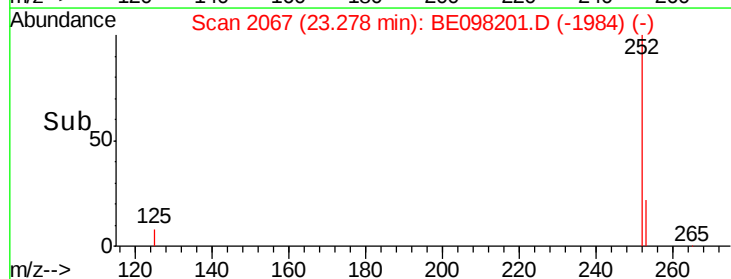
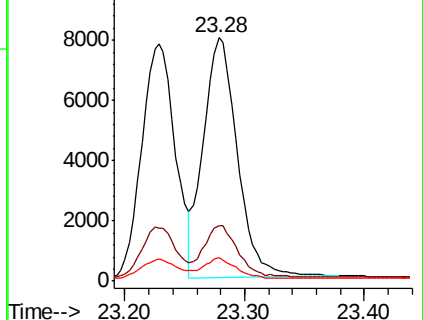
125 9.4 7.4 11.0

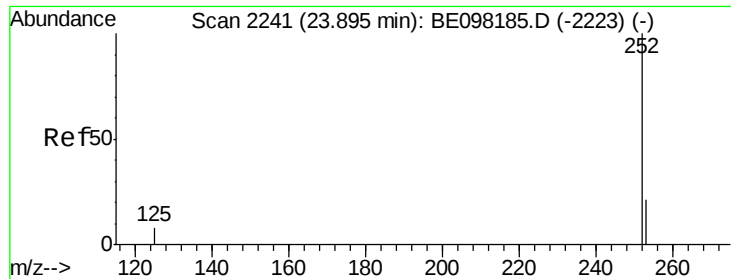


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.648 ng

RT: 23.90 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS

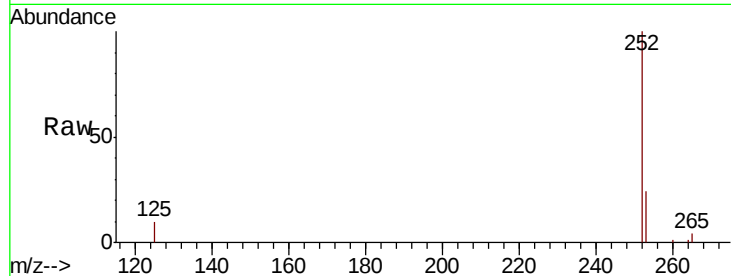
Tgt Ion:252 Resp: 14772

Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

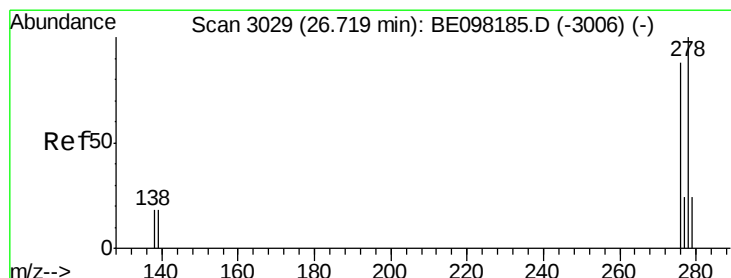
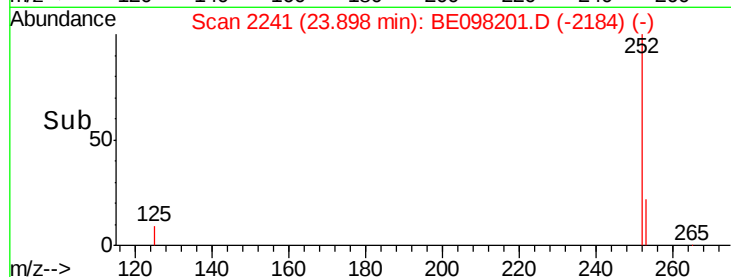
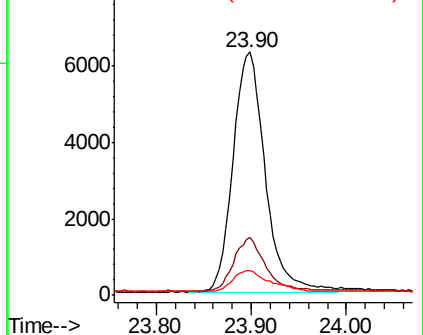
125 10.1 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.663 ng

RT: 26.73 min Scan# 3030

Delta R.T. 0.01 min

Lab File: BE098201.D

Acq: 12 Nov 2018 22:32

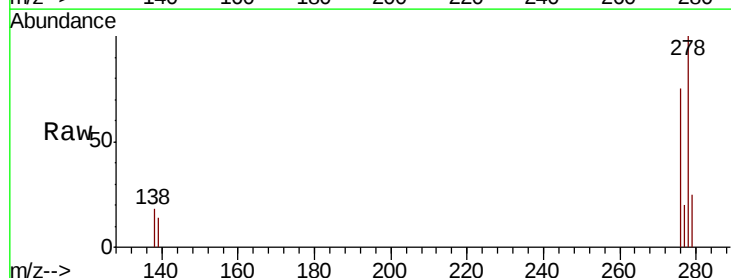
Tgt Ion:278 Resp: 12889

Ion Ratio Lower Upper

278 100

139 13.9 16.4 24.6#

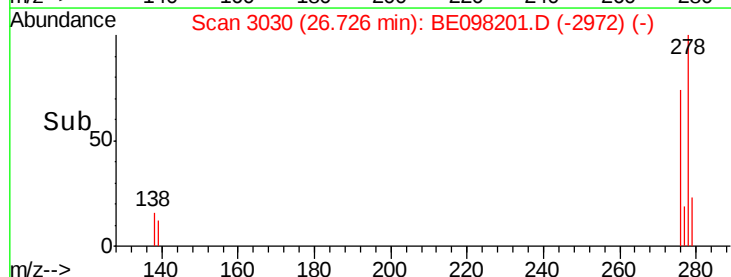
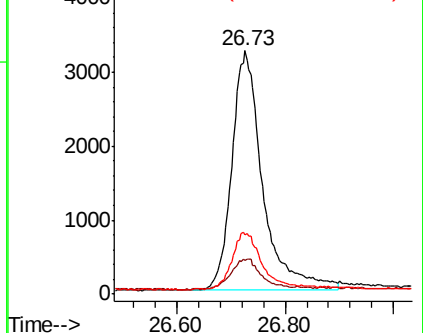
279 24.5 21.3 31.9

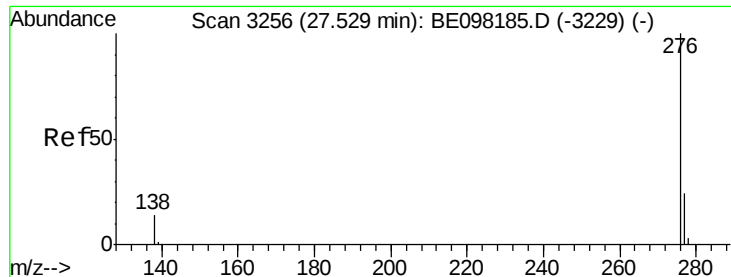


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.657 ng

RT: 27.52 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098201.D

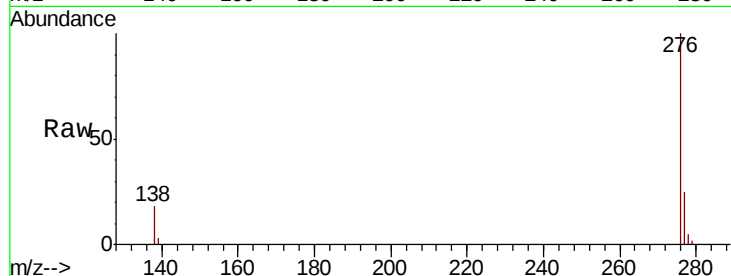
Acq: 12 Nov 2018 22:32

Instrument :

BNA_E

ClientSampleId :

PB114718BS



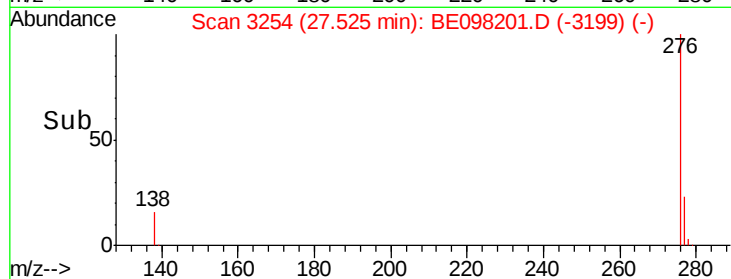
Tgt Ion: 276 Resp: 13322

Ion Ratio Lower Upper

276 100

277 24.8 20.4 30.6

138 18.0 13.2 19.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

