

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098217.D
 Acq On : 13 Nov 2018 20:18
 Operator : SJ/JU
 Sample : PB114769BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114769BS

Quant Time: Nov 14 00:07:55 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	1419	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7005	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4678	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10732	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12910	0.40	ng	0.00
34) Perylene-d12	24.01	264	12076	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1685	0.42	ng	0.00
5) Phenol-d6	7.04	99	2835	0.44	ng	0.00
8) Nitrobenzene-d5	9.02	82	2834	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4715	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	771	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	7240	0.37	ng	0.00
25) Fluoranthene-d10	19.31	212	51450	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	10718	0.37	ng	0.00

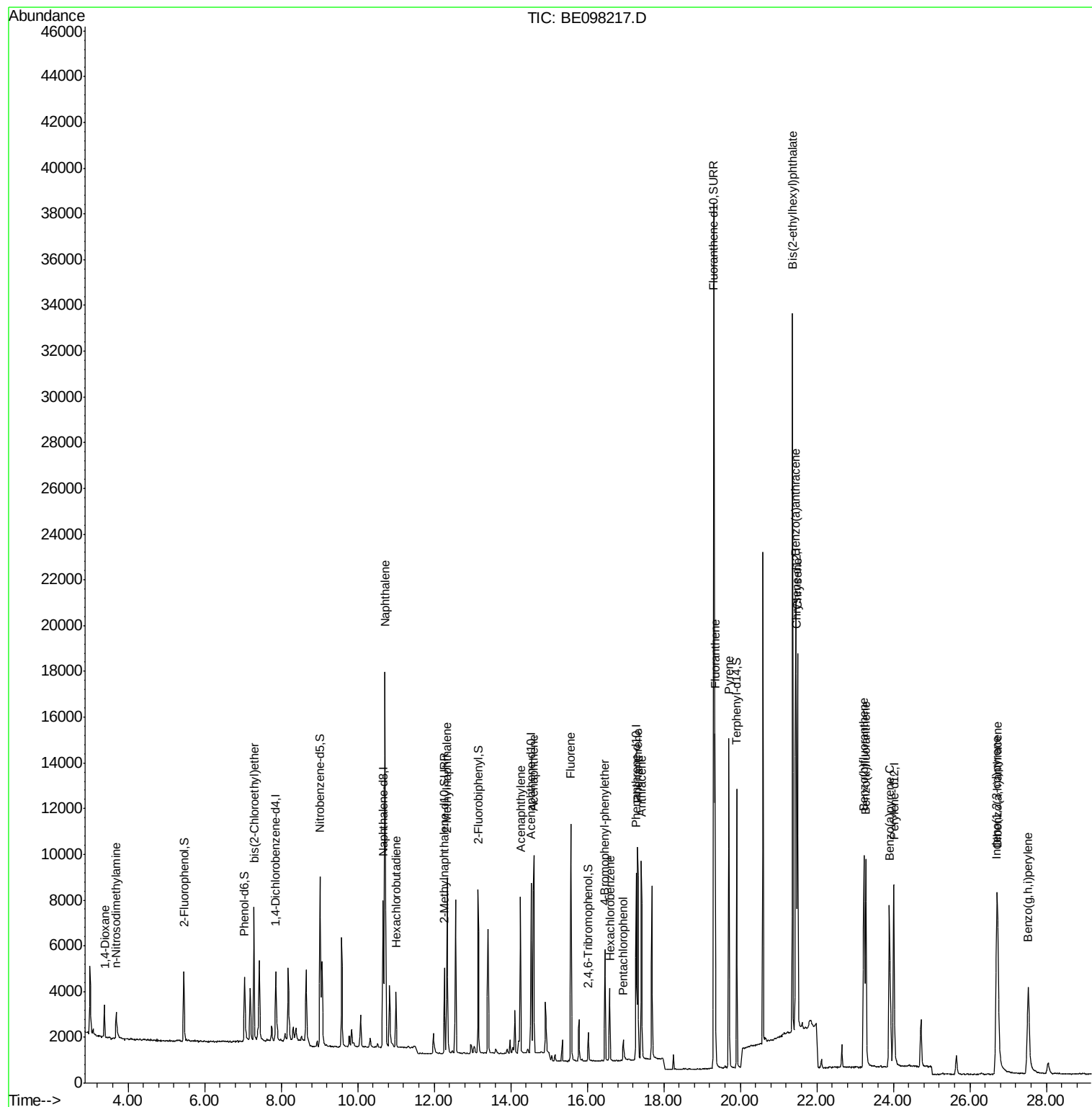
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	850	0.398	ng	96
3) n-Nitrosodimethylamine	3.69	42	1050	0.377	ng	# 90
6) bis(2-Chloroethyl)ether	7.29	93	2016	0.388	ng	99
9) Naphthalene	10.72	128	27911	0.392	ng	99
10) Hexachlorobutadiene	11.00	225	1691	0.382	ng	97
12) 2-Methylnaphthalene	12.34	142	4901	0.397	ng	97
16) Acenaphthylene	14.25	152	8303	0.387	ng	98
17) Acenaphthene	14.60	154	4905	0.375	ng	98
18) Fluorene	15.57	166	6500	0.388	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2552	0.390	ng	96
21) Hexachlorobenzene	16.59	284	2589	0.381	ng	98
22) Pentachlorophenol	16.94	266	611	0.483	ng	96
23) Phenanthrene	17.32	178	10504	0.393	ng	99
24) Anthracene	17.41	178	9934	0.399	ng	99
26) Fluoranthene	19.34	202	12847	0.388	ng	99
28) Pyrene	19.71	202	13523	0.381	ng	100
30) Benzo(a)anthracene	21.45	228	14140	0.385	ng	100
31) Chrysene	21.50	228	13990	0.376	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	32712	0.429	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	13637	0.399	ng	# 88
35) Benzo(b)fluoranthene	23.23	252	12853	0.375	ng	98
36) Benzo(k)fluoranthene	23.28	252	13671	0.378	ng	100
37) Benzo(a)pyrene	23.89	252	12613	0.384	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	11301	0.404	ng	98
39) Benzo(g,h,i)perylene	27.53	276	11173	0.382	ng	# 96

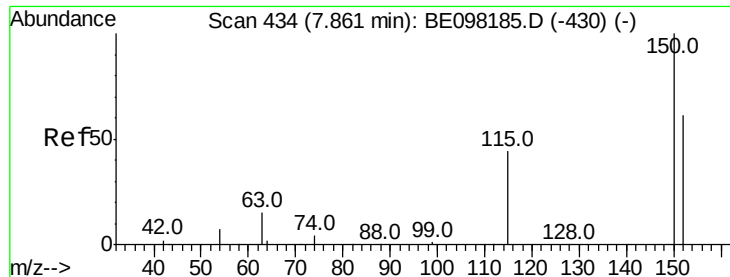
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 13:32:15 2018
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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: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

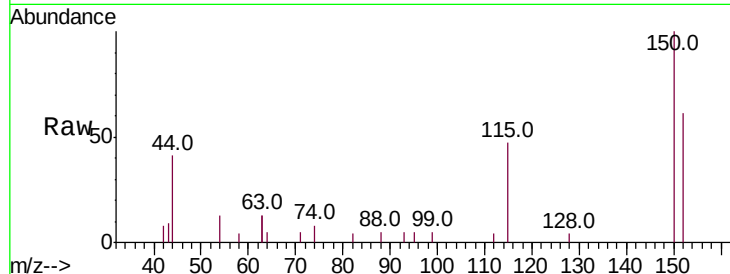
Tot Ion:152 Resp: 1419

Ion Ratio Lower Upper

152 100

150 163.9 127.5 191.3

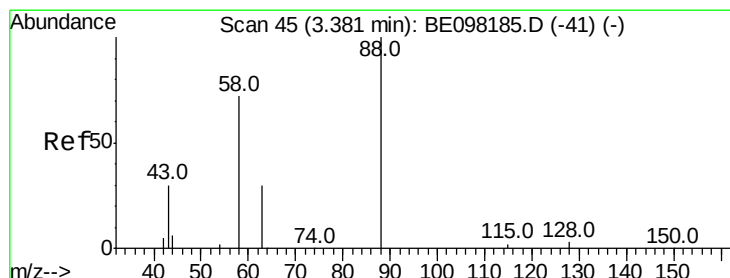
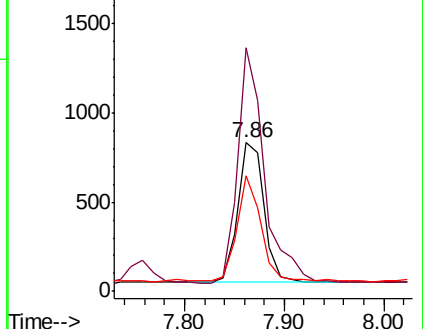
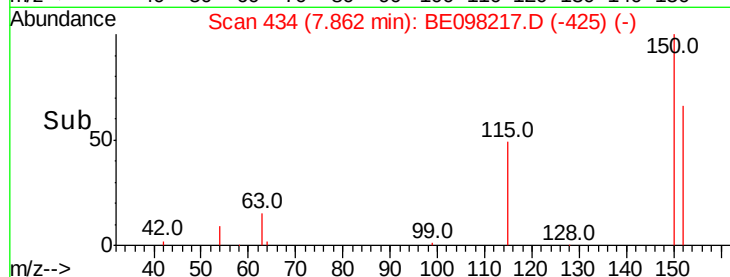
115 77.7 60.3 90.5



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: 0.398 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

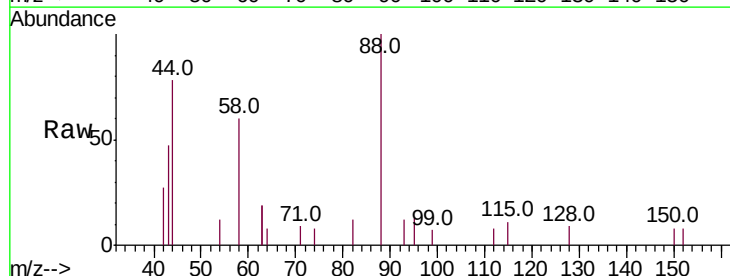
Tgt Ion: 88 Resp: 850

Ion Ratio Lower Upper

88 100

58 97.5 79.0 118.4

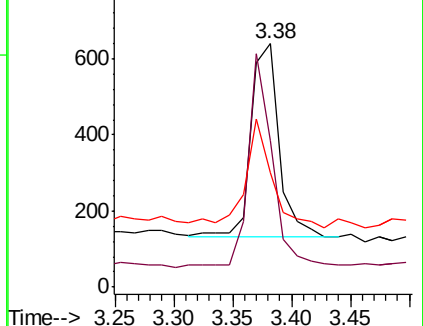
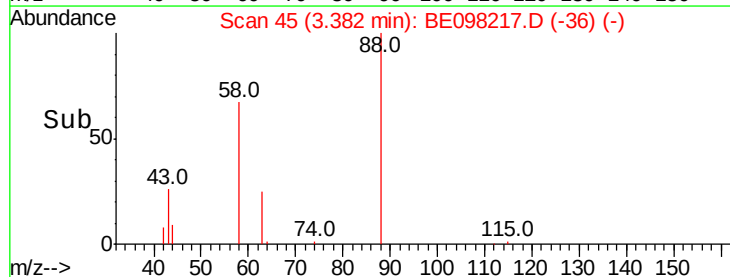
43 55.1 38.1 57.1

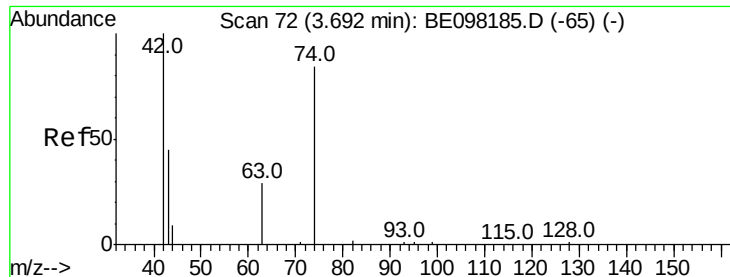


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.377 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

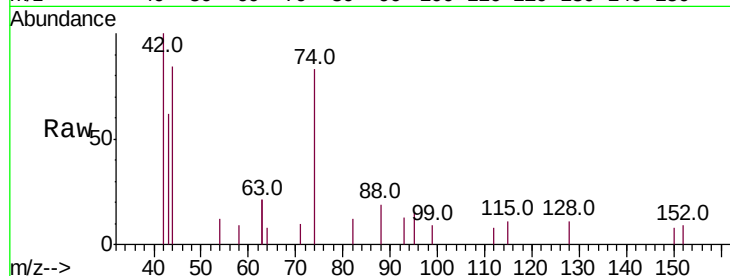
Tot Ion: 42 Resp: 1050

Ion Ratio Lower Upper

42 100

74 85.0 61.7 92.5

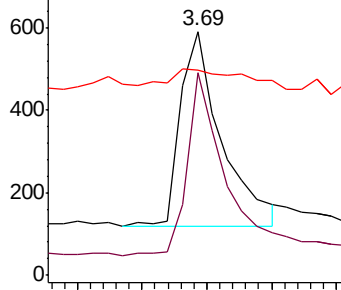
44 12.5 14.0 21.0#



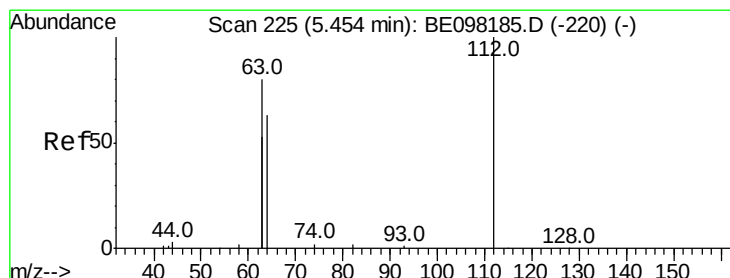
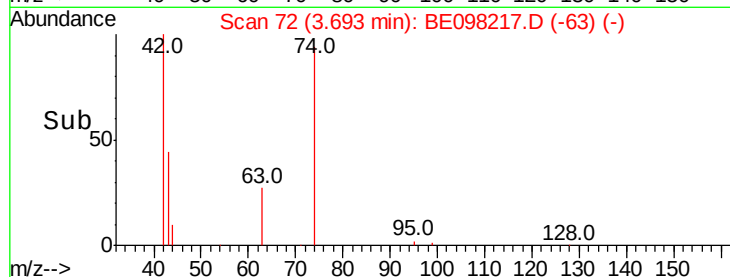
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.421 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

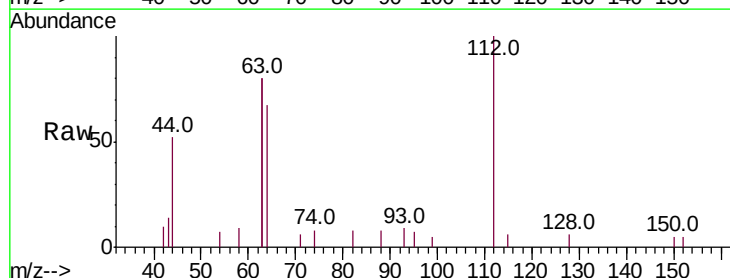
Tgt Ion: 112 Resp: 1685

Ion Ratio Lower Upper

112 100

64 77.0 61.7 92.5

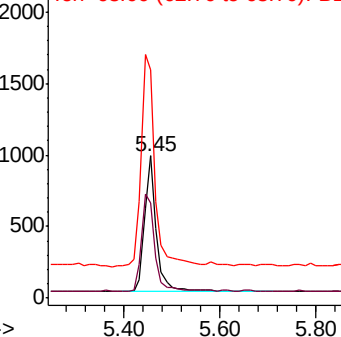
63 174.5 136.2 204.2



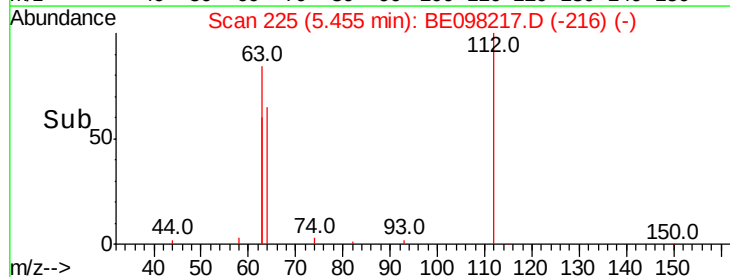
Abundance Ion 112.00 (111.70 to 112.70): E

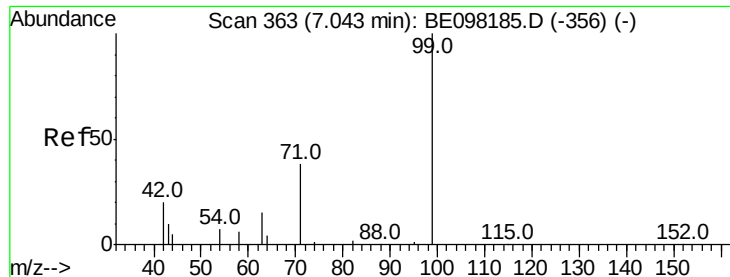
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.441 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

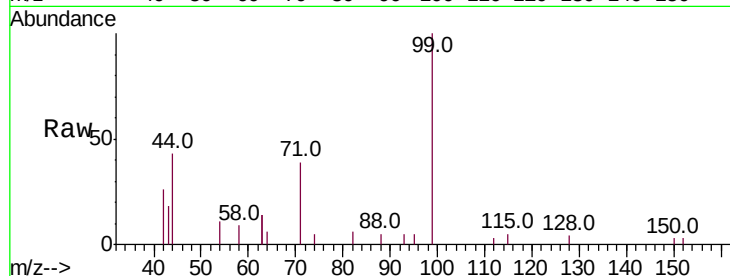
Tot Ion: 99 Resp: 2835

Ion Ratio Lower Upper

99 100

42 31.5 27.1 40.7

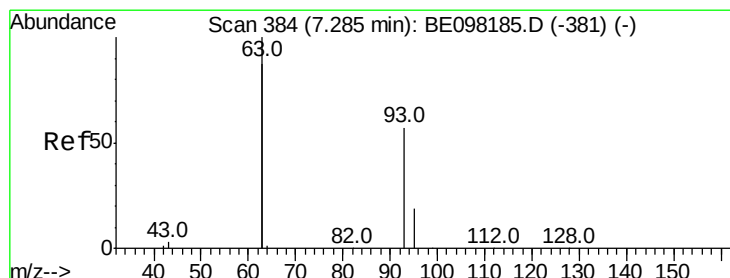
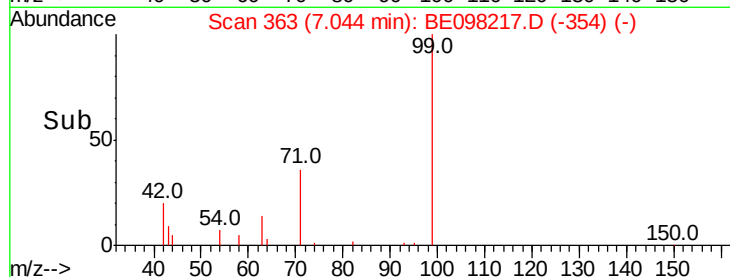
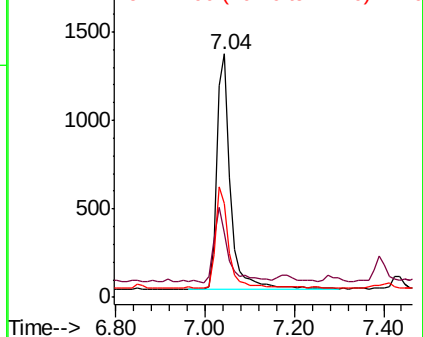
71 41.2 37.0 55.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.388 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

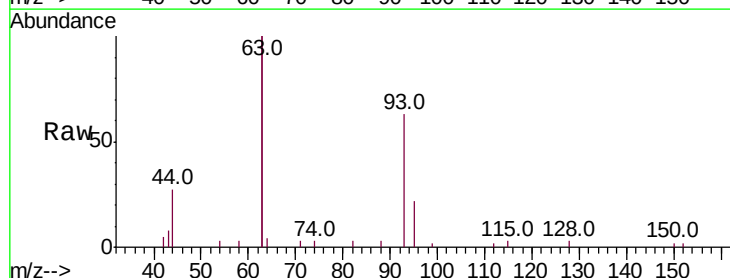
Tgt Ion: 93 Resp: 2016

Ion Ratio Lower Upper

93 100

63 338.7 272.6 409.0

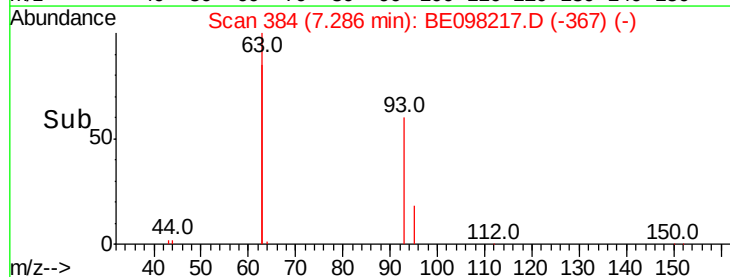
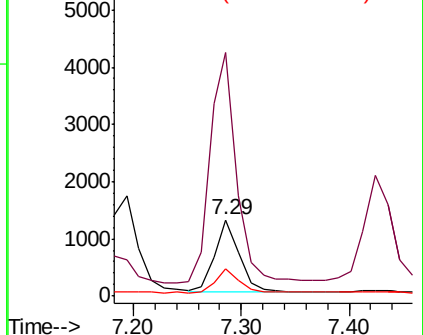
95 33.5 27.1 40.7

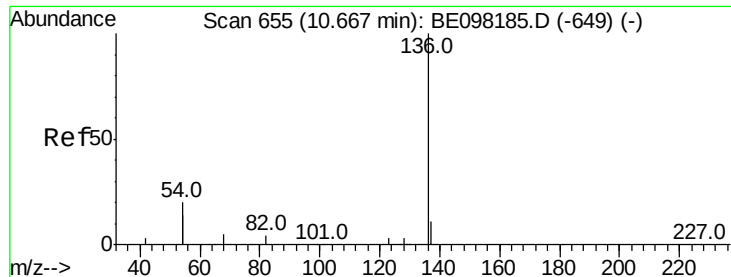


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

Tot Ion:136 Resp: 7005

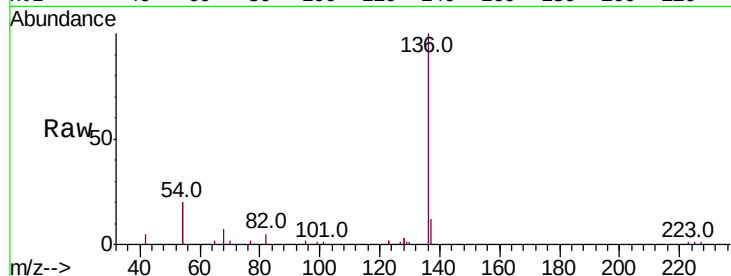
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 39.4 31.3 46.9

68 7.0 4.8 7.2

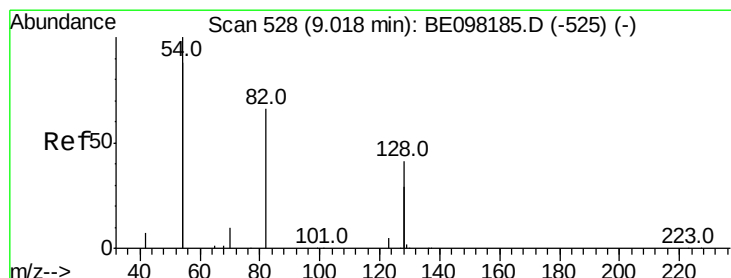
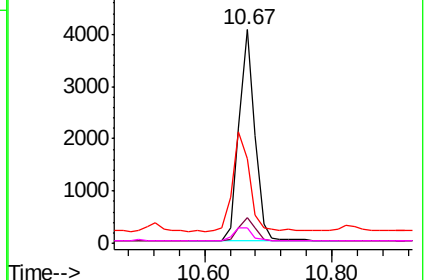
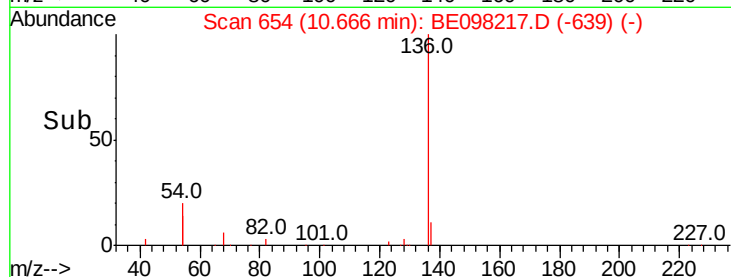


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

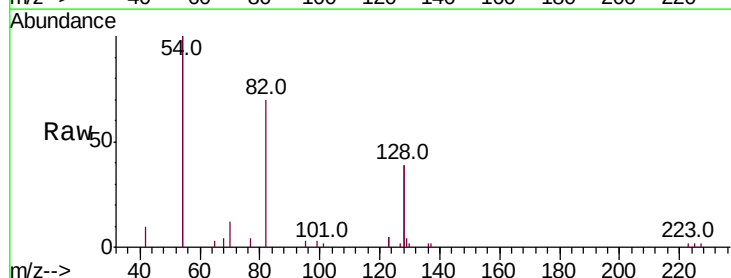
Tgt Ion: 82 Resp: 2834

Ion Ratio Lower Upper

82 100

128 112.4 96.1 144.1

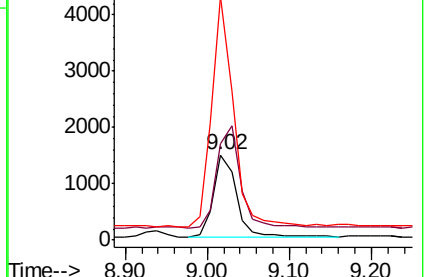
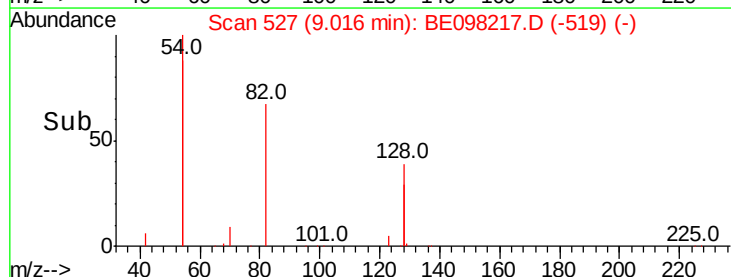
54 284.8 232.0 348.0

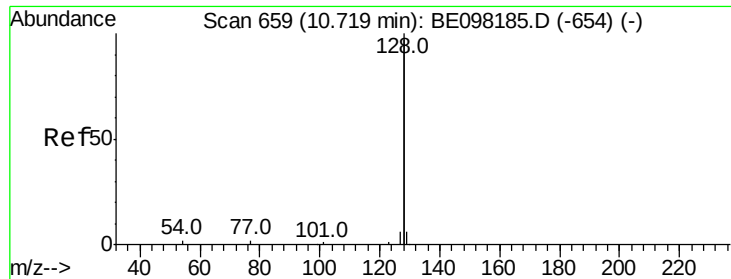


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

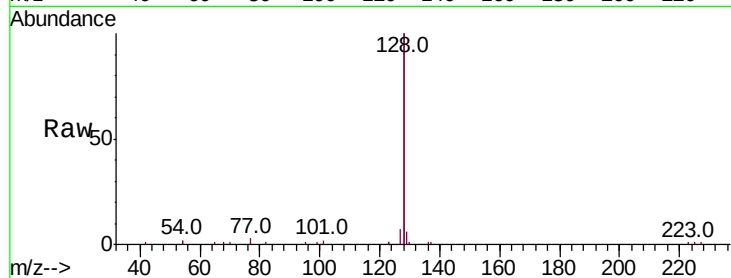
Tot Ion:128 Resp: 27911

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

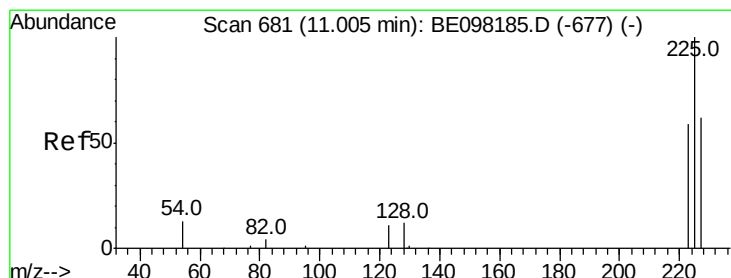
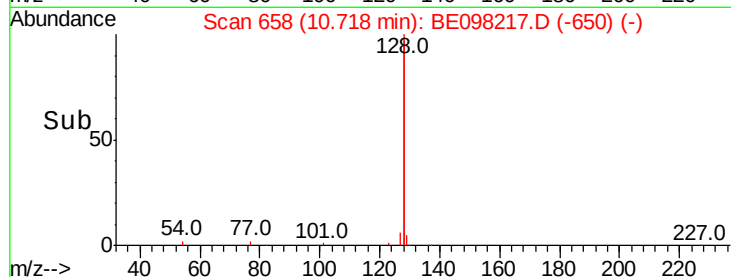
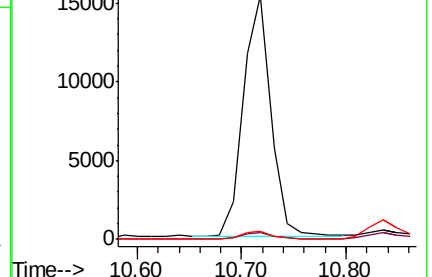
127 3.4 2.8 4.2



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: 0.382 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

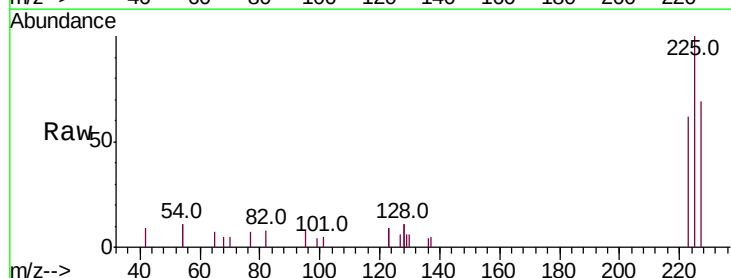
Tgt Ion:225 Resp: 1691

Ion Ratio Lower Upper

225 100

223 63.0 50.5 75.7

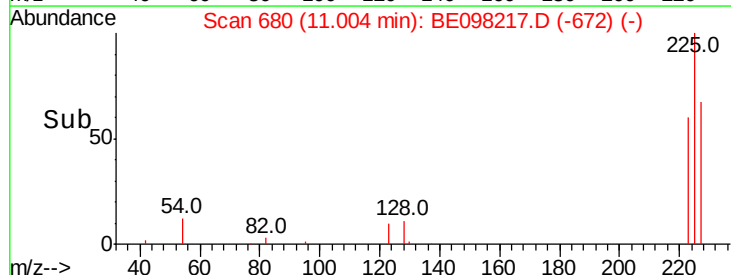
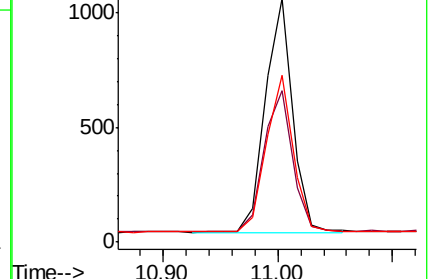
227 66.9 50.3 75.5

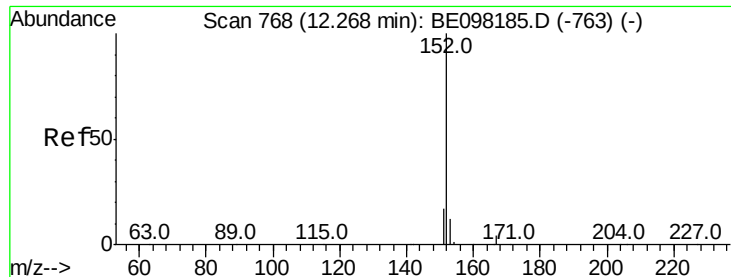


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

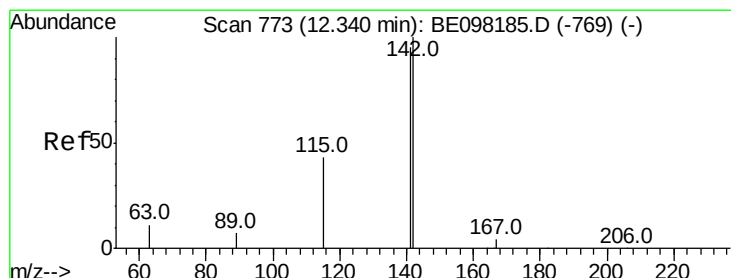
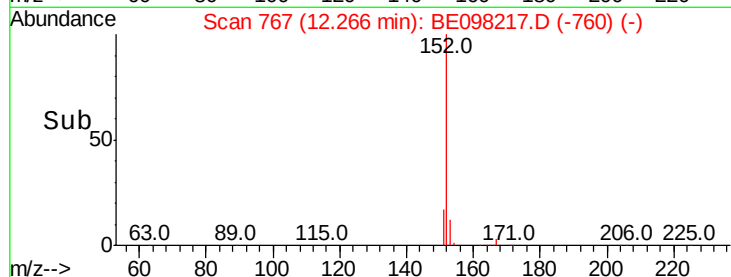
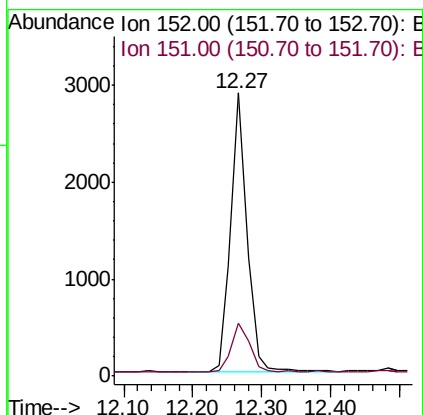
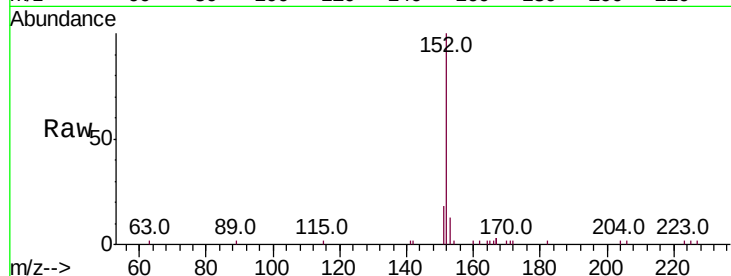




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098217.D
 Acq: 13 Nov 2018 20:18

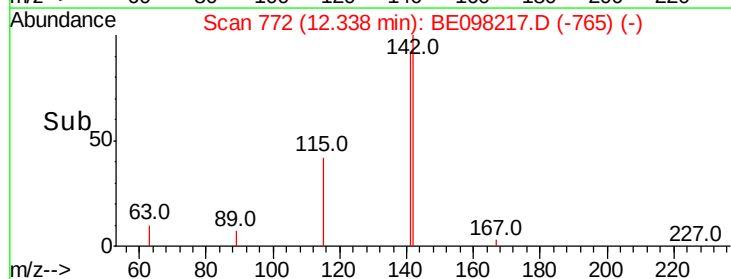
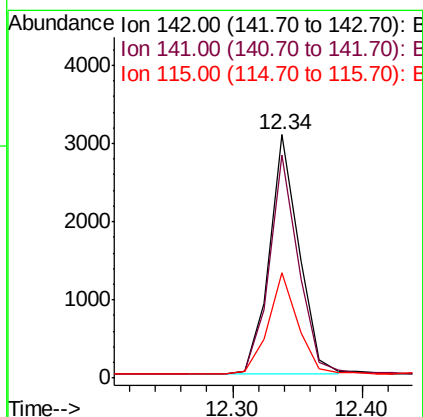
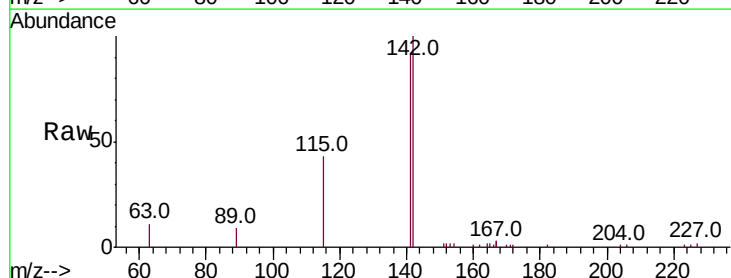
Instrument :
 BNA_E
 ClientSampleId :
 PB114769BS

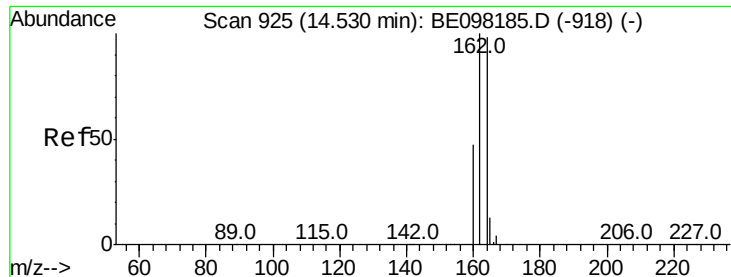
Tot Ion:152 Resp: 4715
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.397 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098217.D
 Acq: 13 Nov 2018 20:18

Tgt Ion:142 Resp: 4901
 Ion Ratio Lower Upper
 142 100
 141 91.8 76.3 114.5
 115 43.2 35.8 53.8

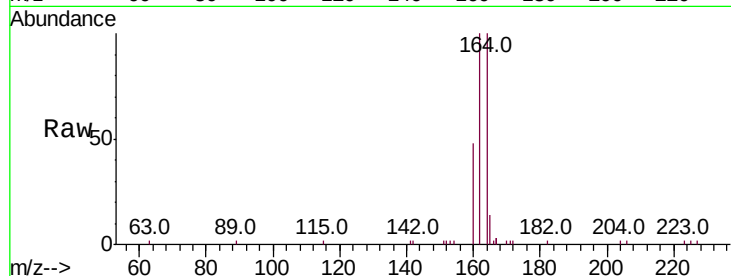




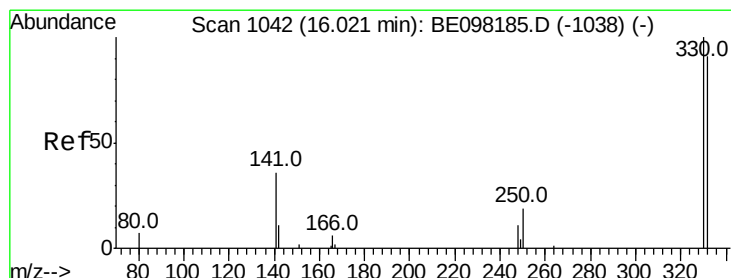
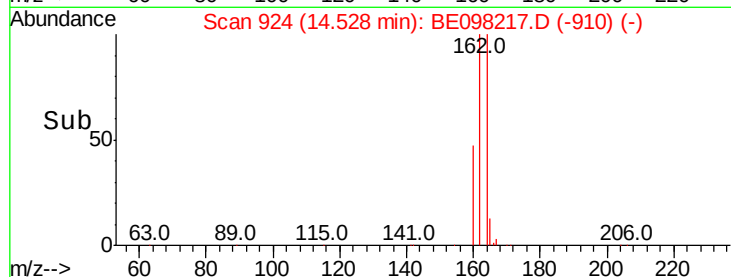
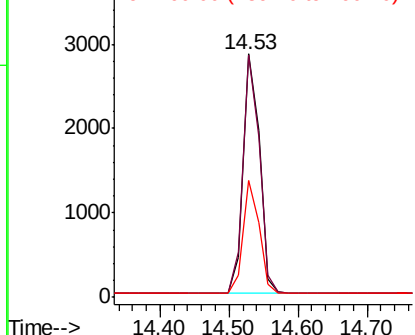
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :
PB114769BS

Tot Ion:164 Resp: 4678
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 48.0 39.4 59.0

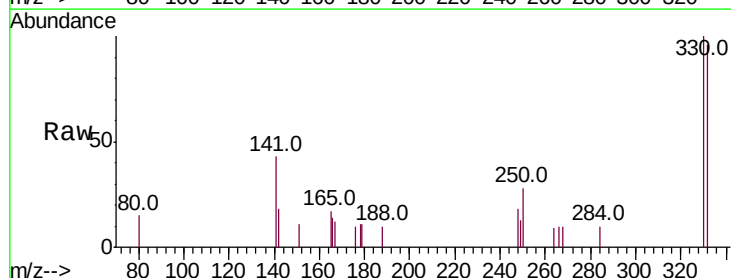


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

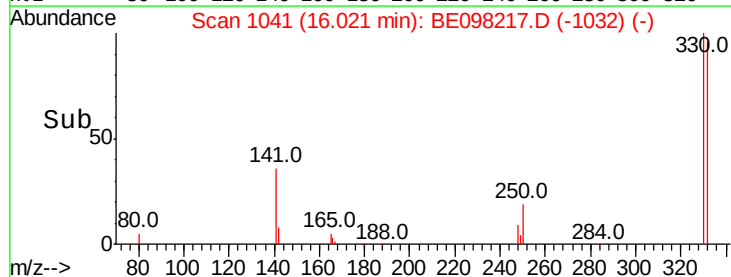
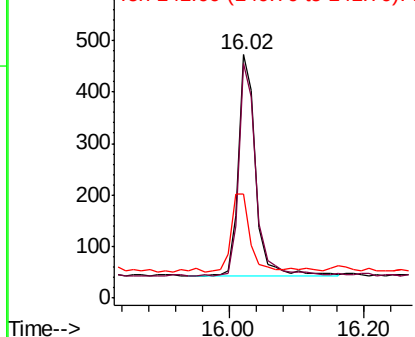


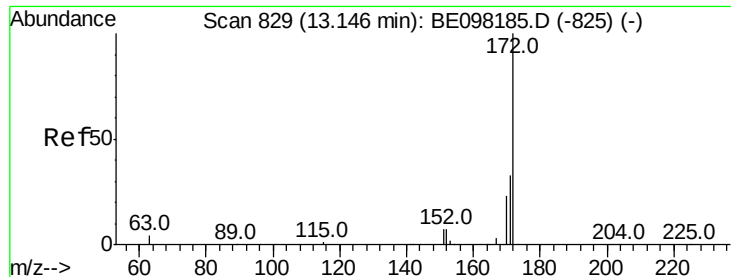
#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:330 Resp: 771
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 39.2 33.6 50.4



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

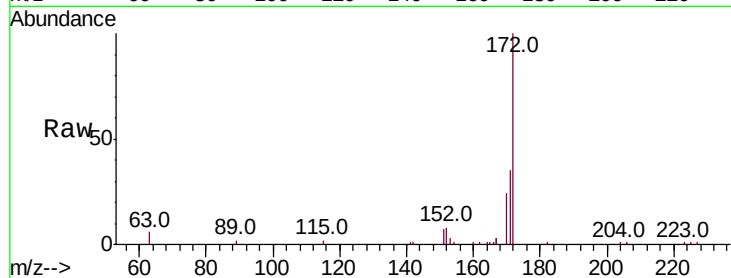




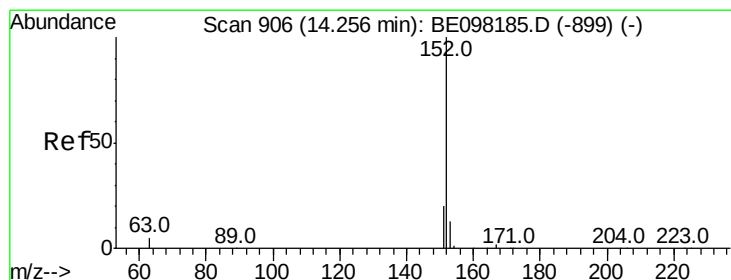
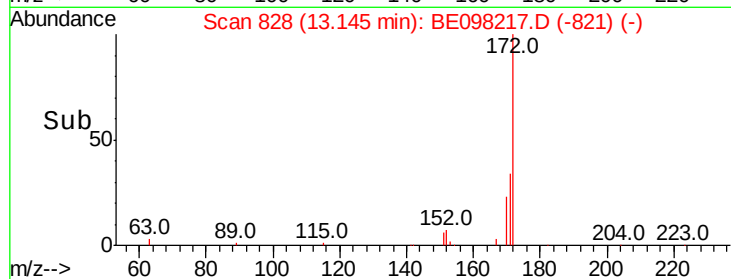
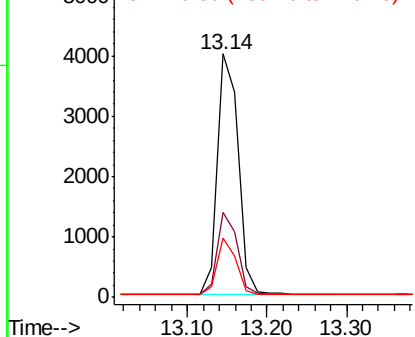
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :
PB114769BS

Tot Ion:172 Resp: 7240
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 24.2 19.4 29.0

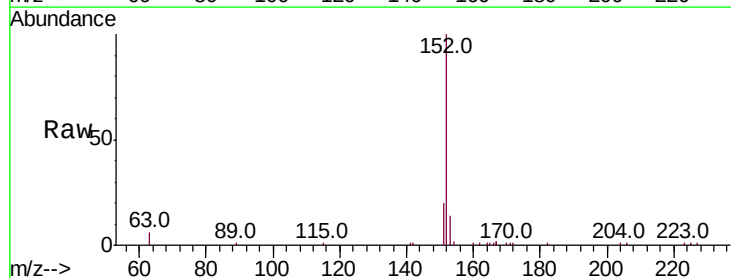


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

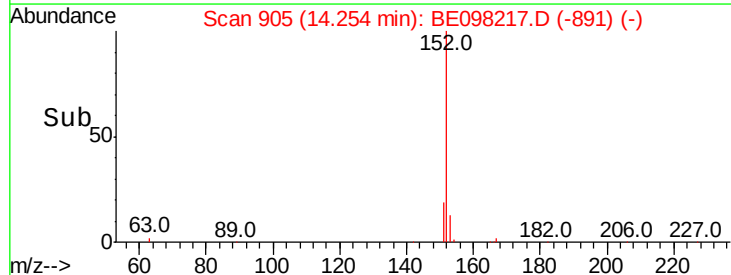
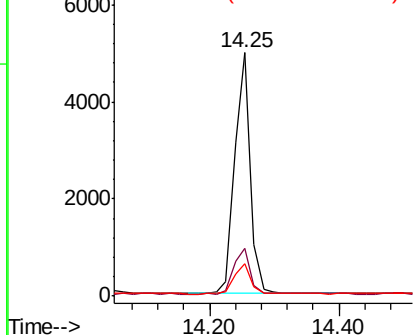


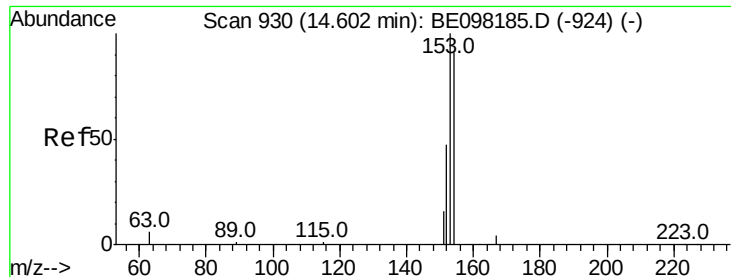
#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:152 Resp: 8303
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.8 10.6 15.8



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





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

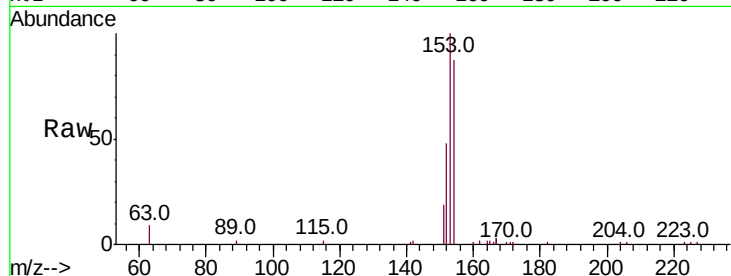
Tot Ion:154 Resp: 4905

Ion Ratio Lower Upper

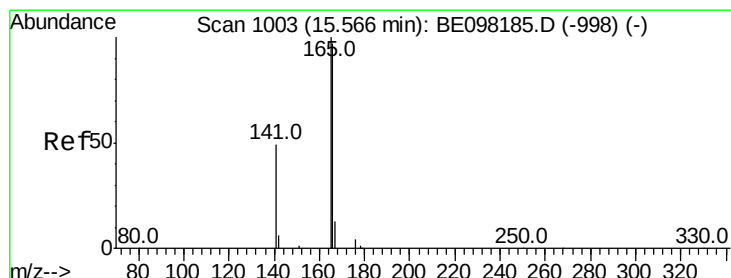
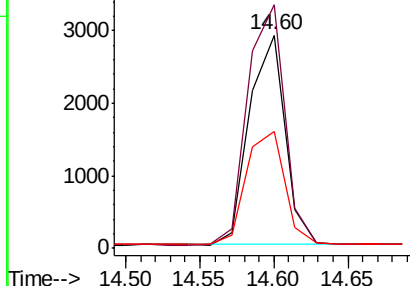
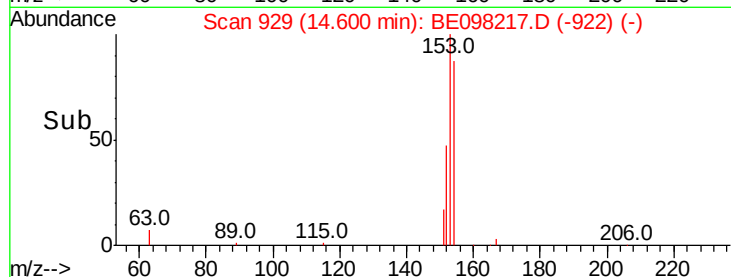
154 100

153 118.9 92.1 138.1

152 58.0 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: 0.388 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

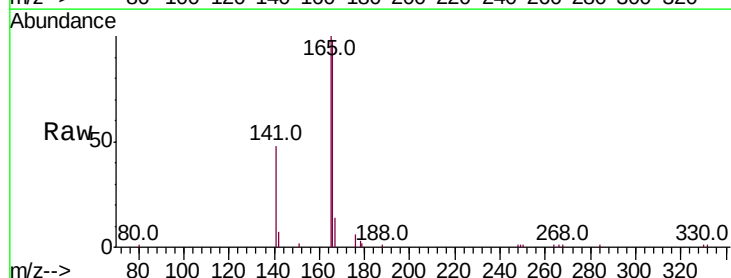
Tgt Ion:166 Resp: 6500

Ion Ratio Lower Upper

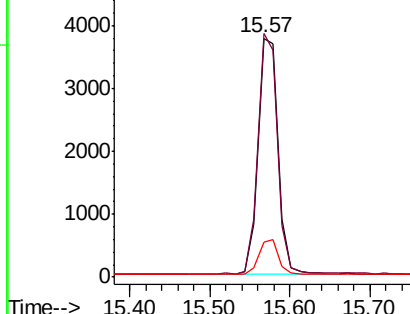
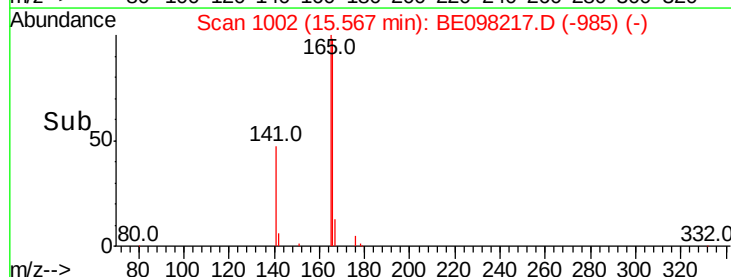
166 100

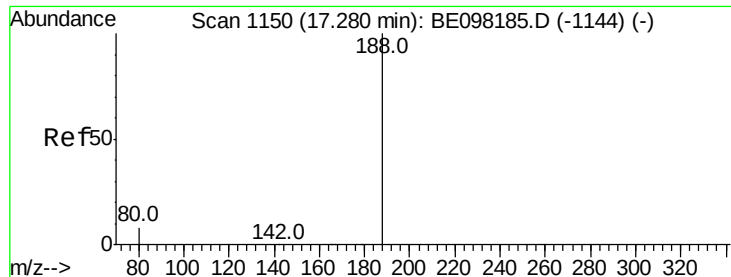
165 99.7 80.1 120.1

167 14.1 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: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

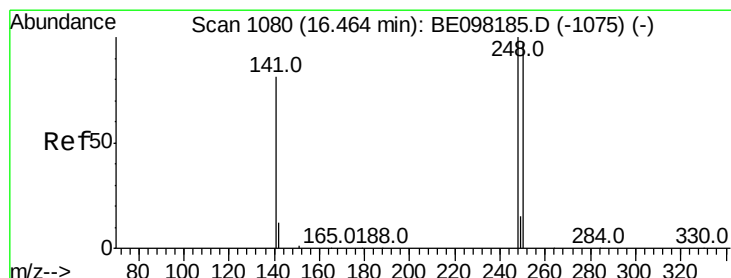
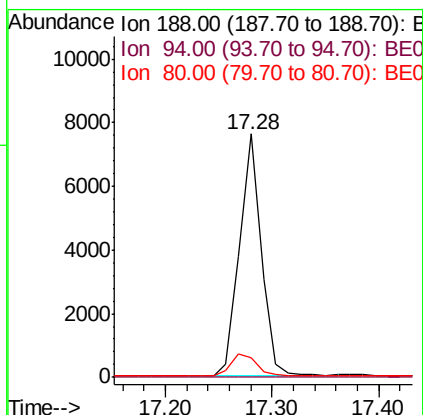
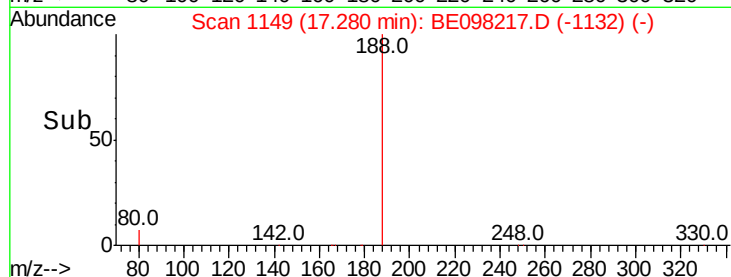
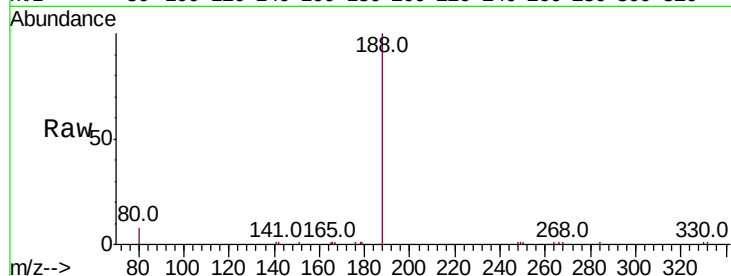
Tot Ion:188 Resp: 10732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

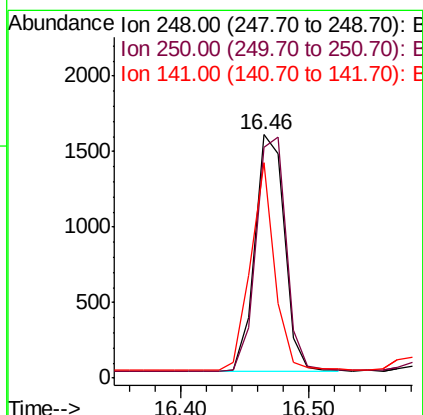
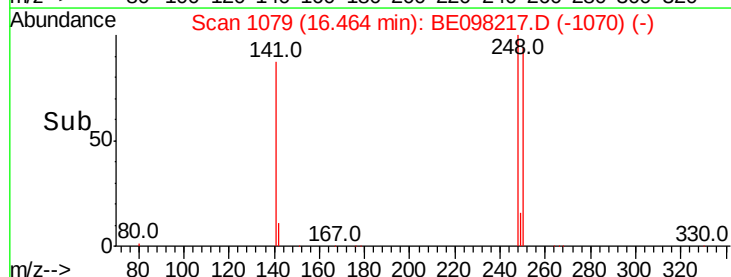
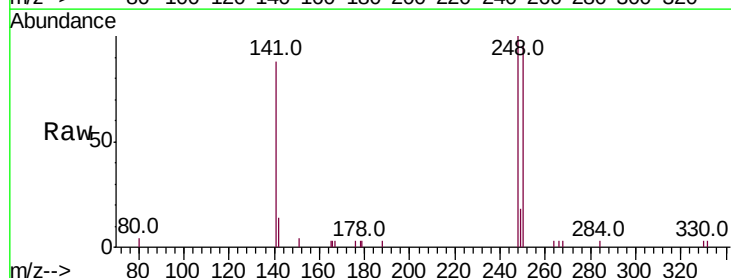
Tgt Ion:248 Resp: 2552

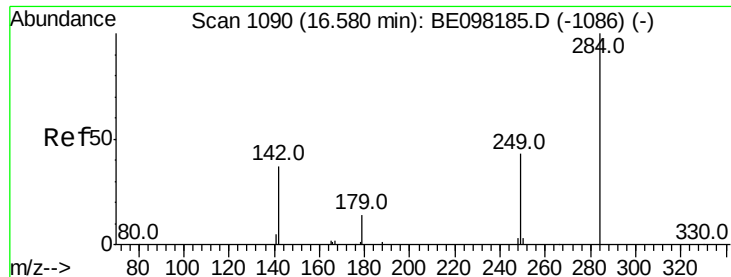
Ion Ratio Lower Upper

248 100

250 94.7 77.6 116.4

141 88.3 65.8 98.8

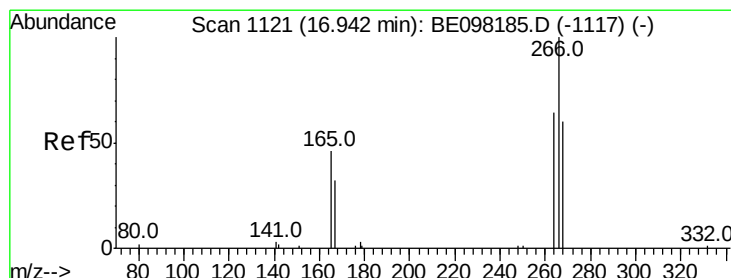
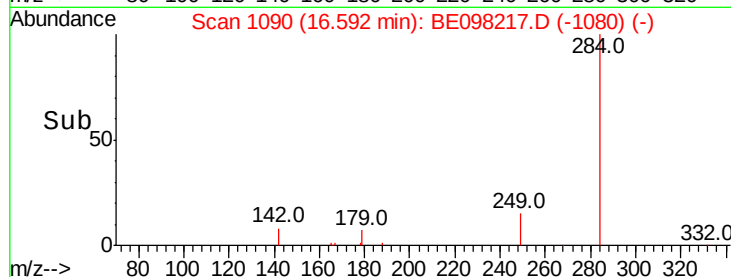
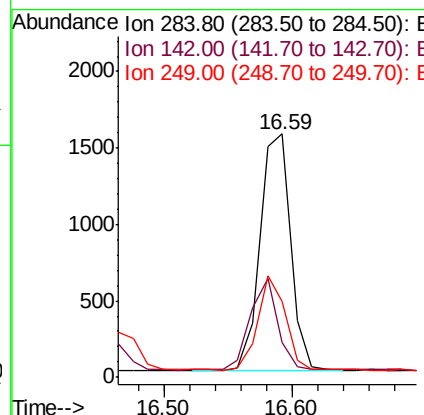
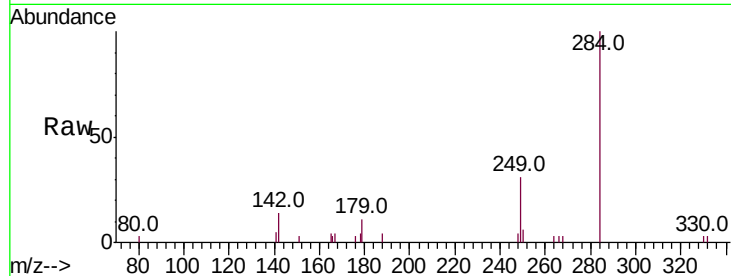




#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

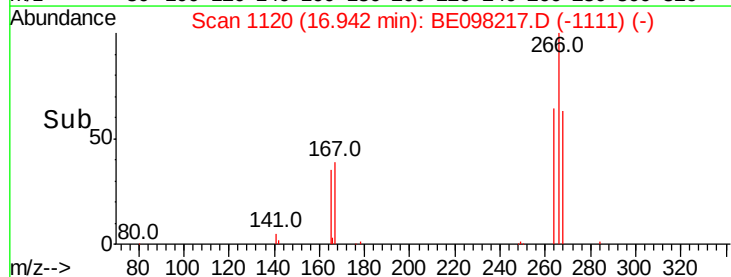
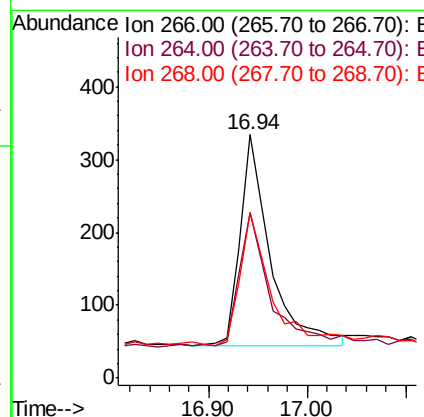
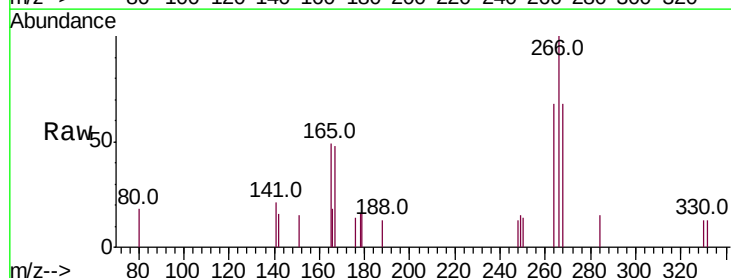
Instrument :
BNA_E
ClientSampleId :
PB114769BS

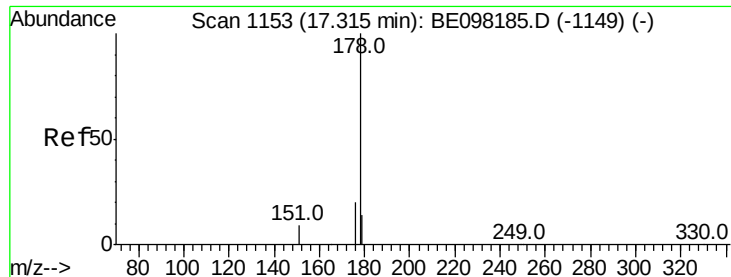
Tot Ion:284	Resp:	2589
Ion Ratio	Lower	Upper
284	100	
142	34.8	26.5 39.7
249	35.8	28.4 42.6



#22
Pentachlorophenol
Concen: 0.483 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:266	Resp:	611
Ion Ratio	Lower	Upper
266	100	
264	68.3	57.6 86.4
268	68.0	56.8 85.2





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

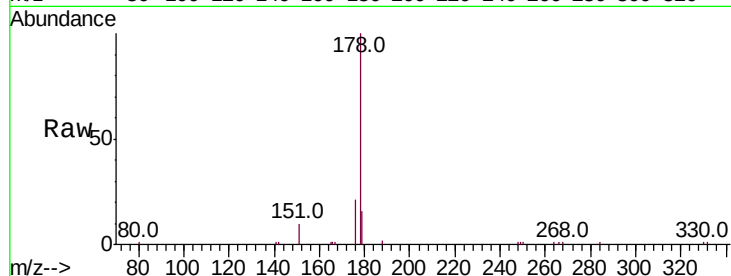
Tot Ion:178 Resp: 10504

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

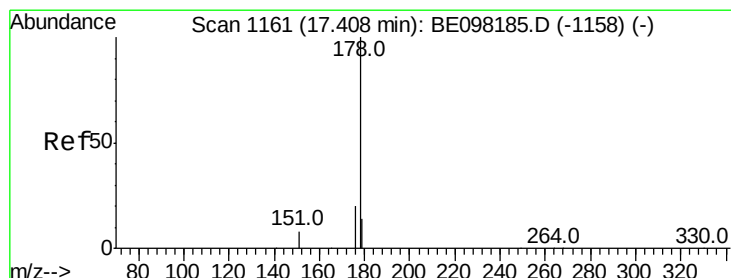
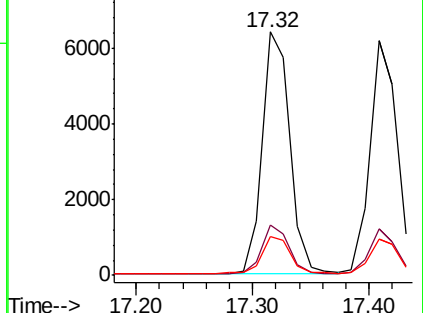
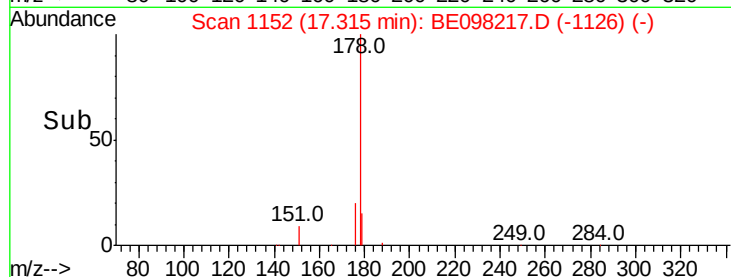
179 15.3 12.3 18.5



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: 0.399 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

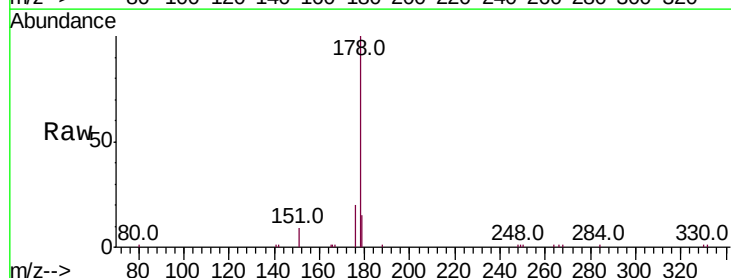
Tgt Ion:178 Resp: 9934

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

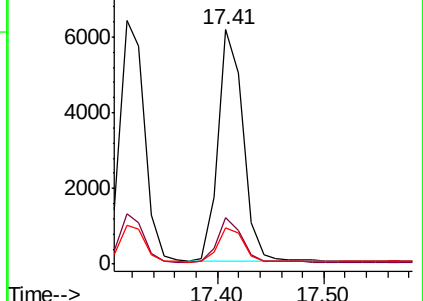
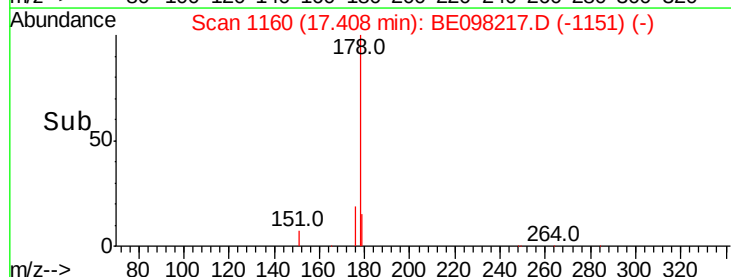
179 15.2 12.1 18.1

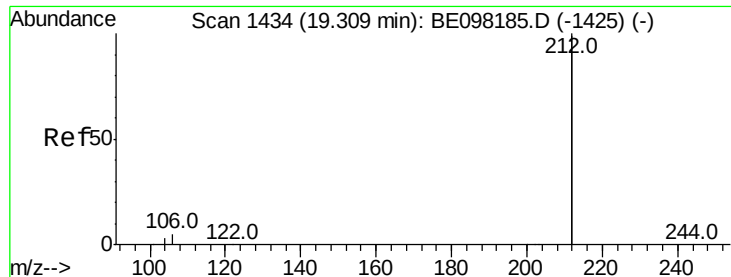


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

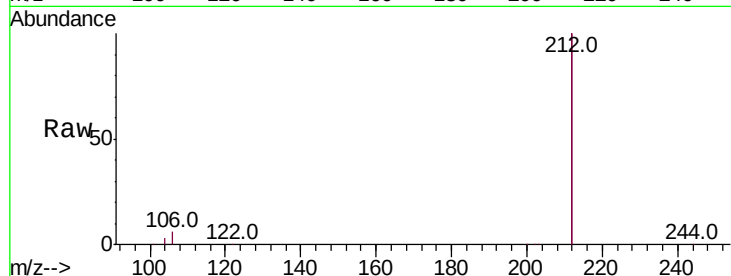
Tot Ion:212 Resp: 51450

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

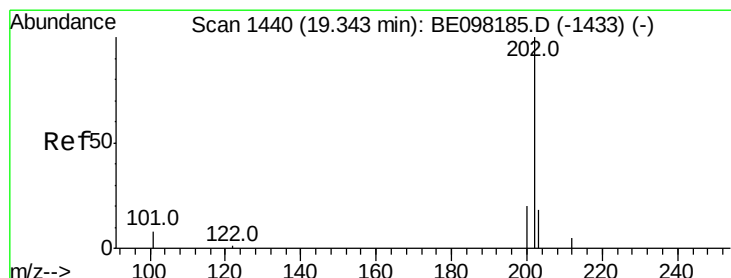
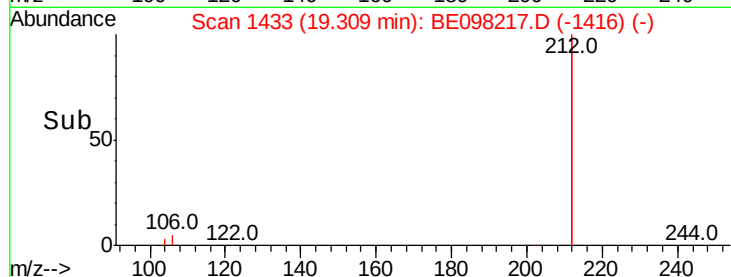
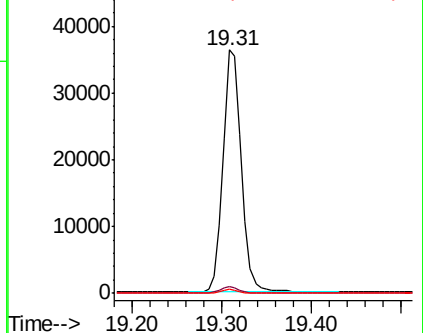
104 1.4 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.388 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

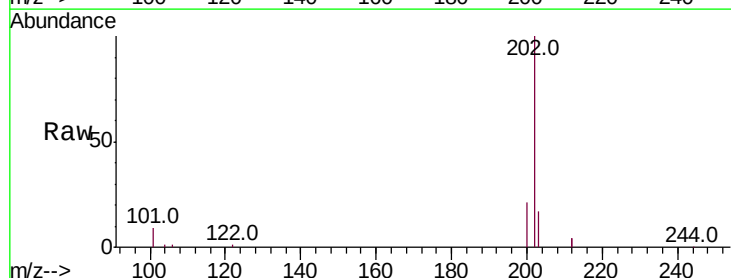
Tgt Ion:202 Resp: 12847

Ion Ratio Lower Upper

202 100

101 9.6 7.0 10.6

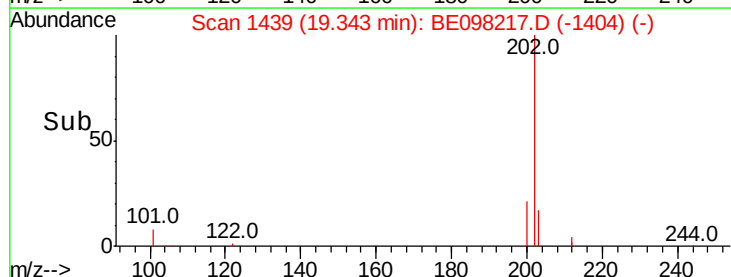
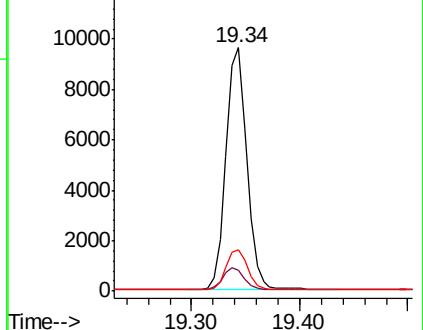
203 17.0 13.7 20.5

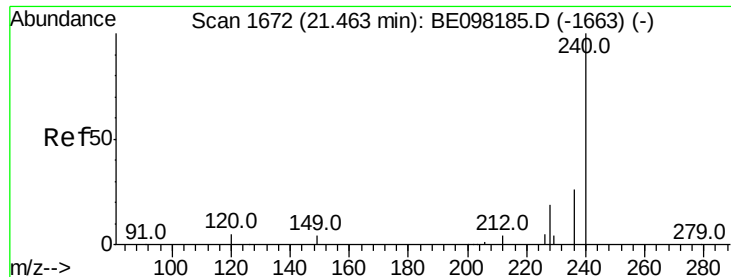


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

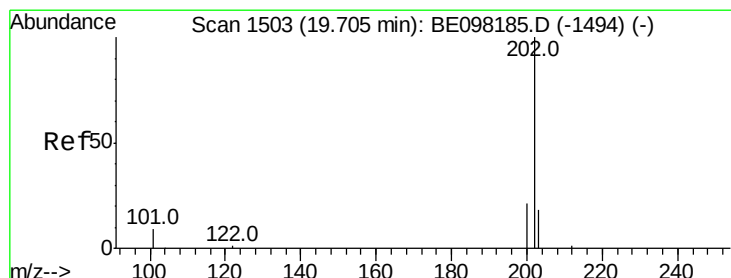
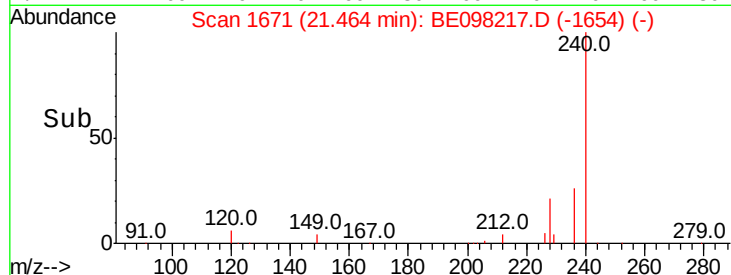
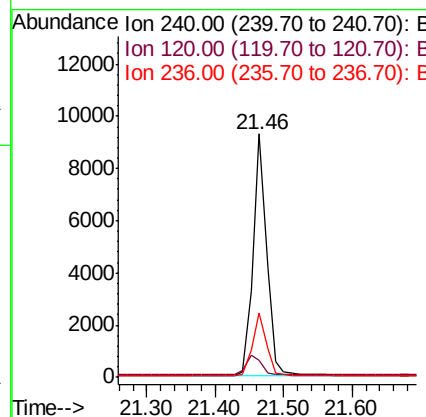
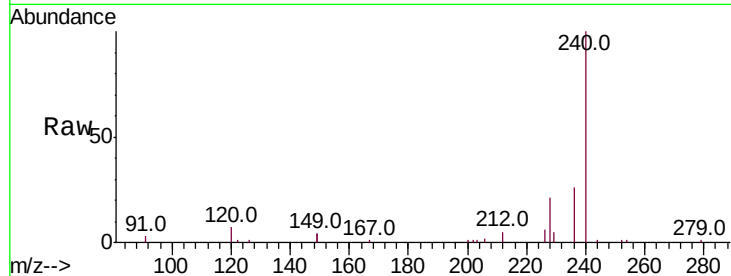




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098217.D
 Acq: 13 Nov 2018 20:18

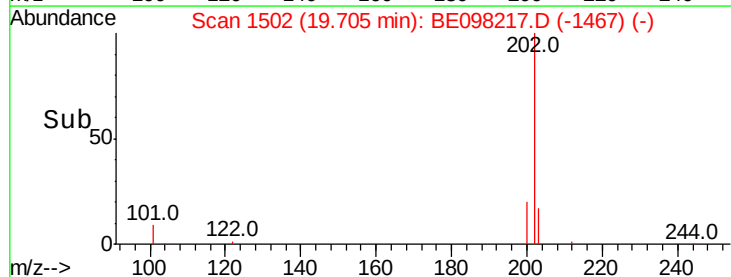
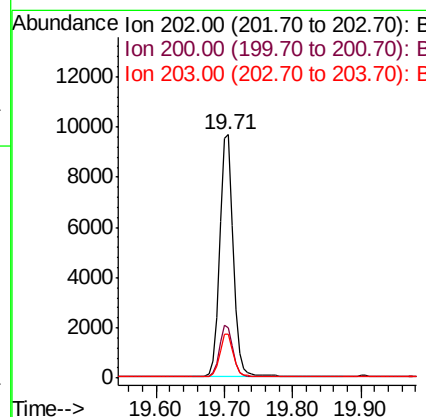
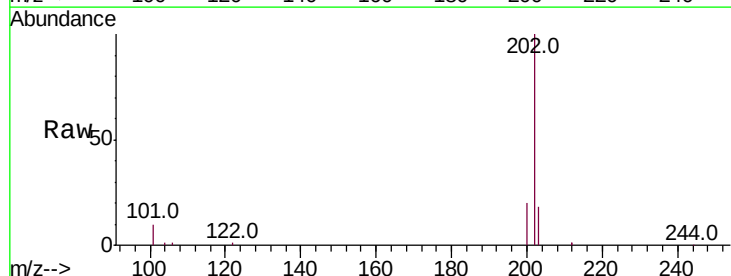
Instrument :
 BNA_E
 ClientSampleId :
 PB114769BS

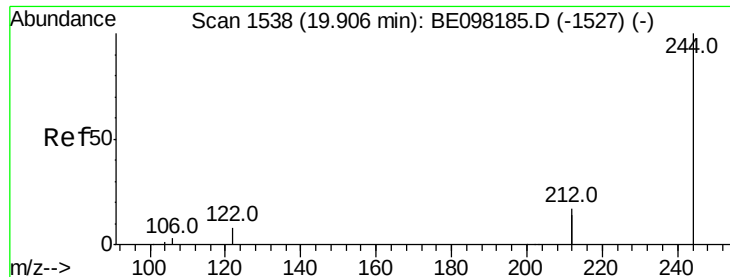
Tot Ion:240 Resp: 12910
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.8 7.2
 236 26.2 21.4 32.0



#28
 Pyrene
 Concen: 0.381 ng
 RT: 19.71 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BE098217.D
 Acq: 13 Nov 2018 20:18

Tgt Ion:202 Resp: 13523
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.2 25.8
 203 17.7 14.2 21.4





#29

Terphenyl-d14

Concen: 0.366 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampled :

PB114769BS

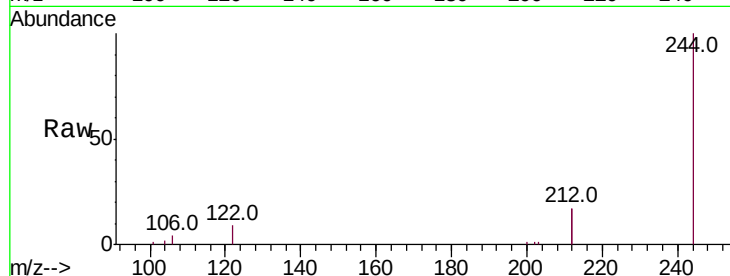
Tot Ion:244 Resp: 10718

Ion Ratio Lower Upper

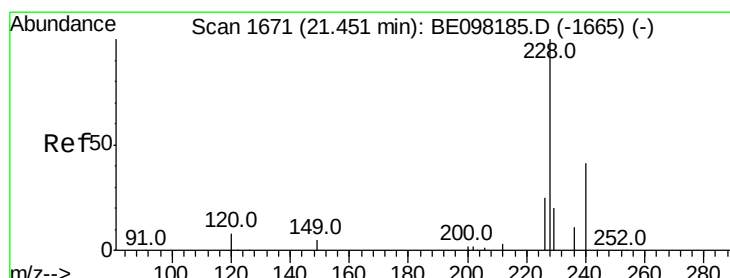
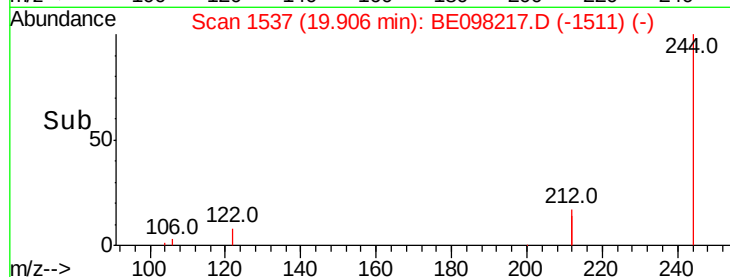
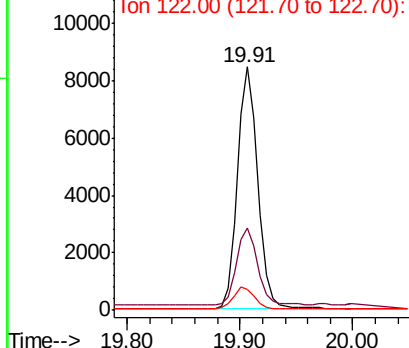
244 100

212 33.9 26.8 40.2

122 8.8 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: 0.385 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

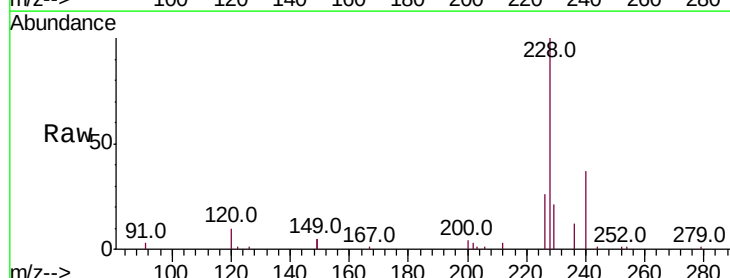
Tgt Ion:228 Resp: 14140

Ion Ratio Lower Upper

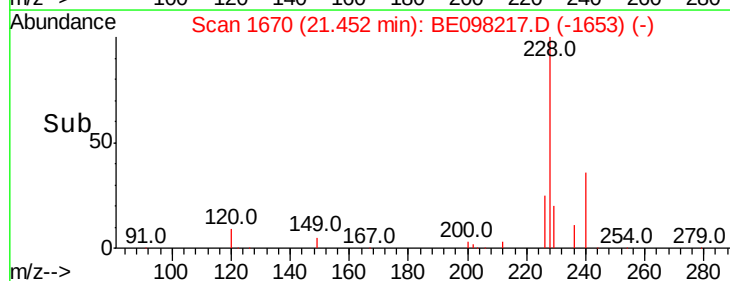
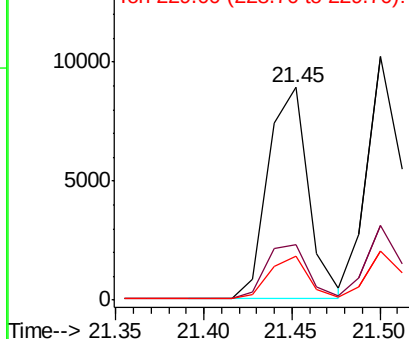
228 100

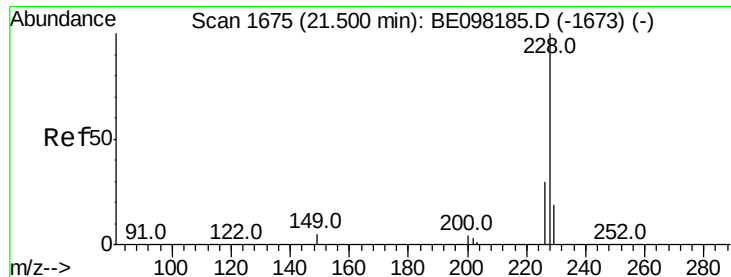
226 25.9 20.7 31.1

229 20.8 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: 0.376 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

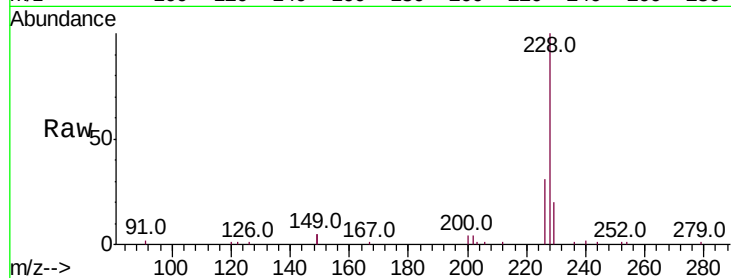
BNA_E

ClientSampleId :

PB114769BS

Tot Ion:228 Resp: 13990

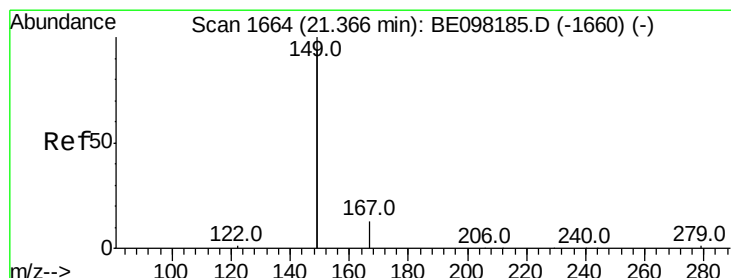
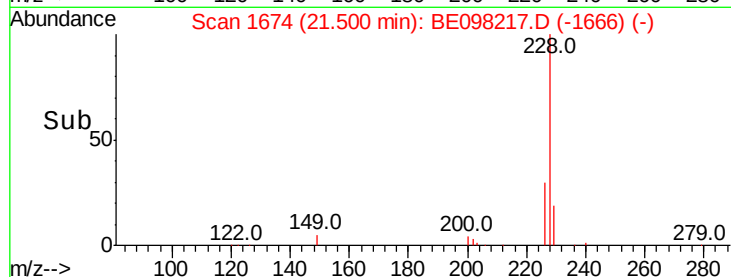
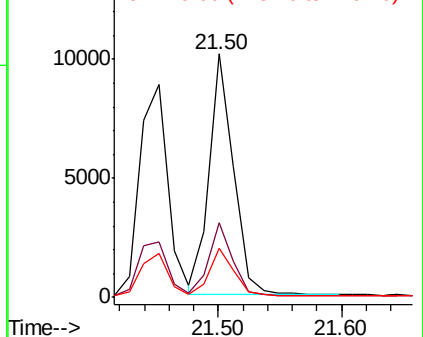
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	20.1	16.0	24.0



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: 0.429 ng

RT: 21.37 min Scan# 1663

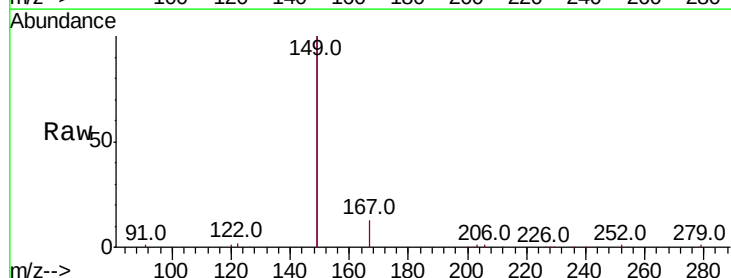
Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Tgt Ion:149 Resp: 32712

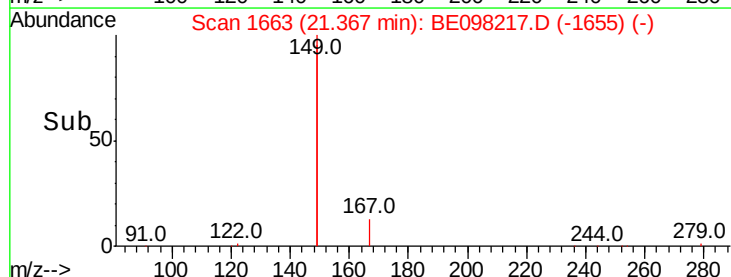
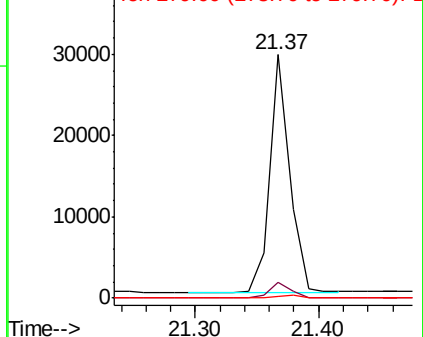
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.0	0.9	1.3

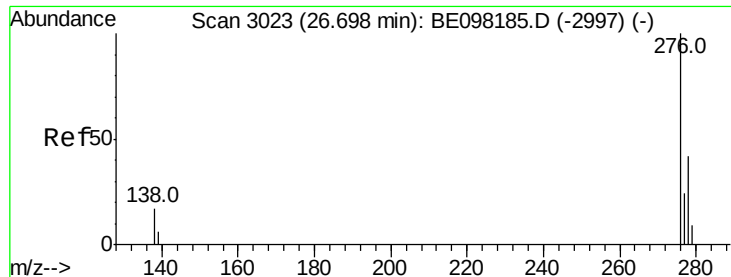


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

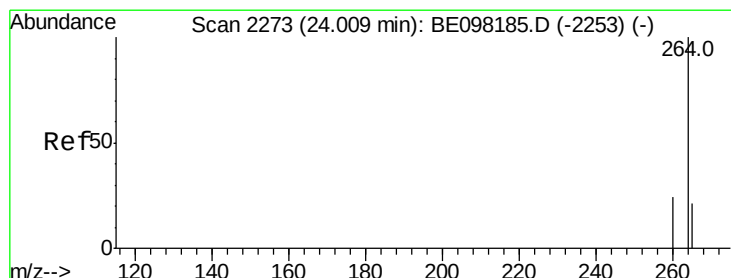
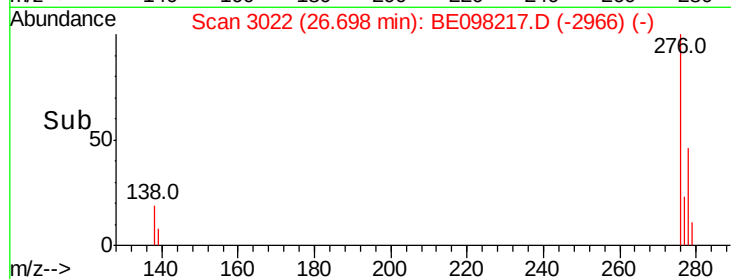
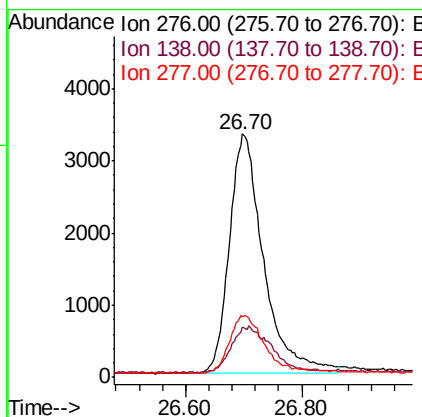
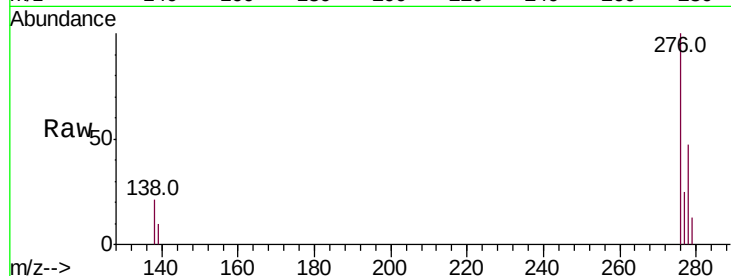




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.399 ng
 RT: 26.70 min Scan# 3022
 Delta R.T. 0.00 min
 Lab File: BE098217.D
 Acq: 13 Nov 2018 20:18

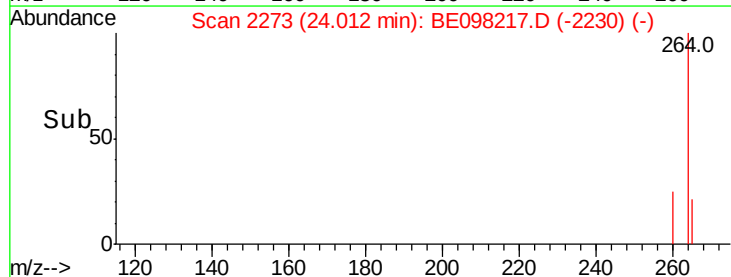
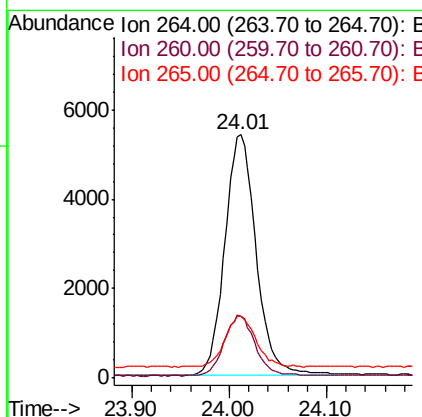
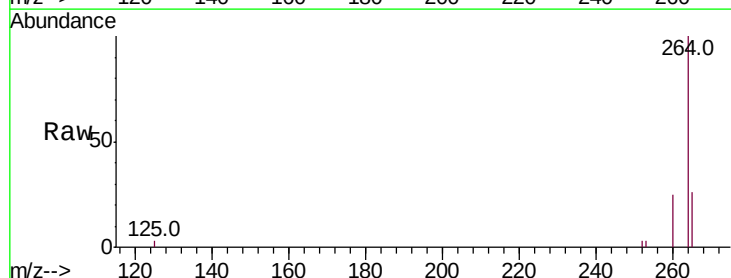
Instrument :
 BNA_E
 ClientSampleId :
 PB114769BS

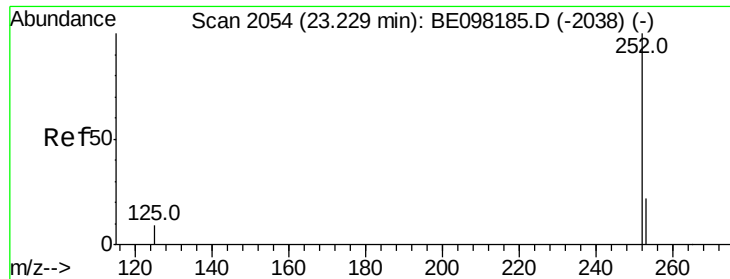
Tot Ion:276 Resp: 13637
 Ion Ratio Lower Upper
 276 100
 138 22.3 6.4 9.6#
 277 24.7 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BE098217.D
 Acq: 13 Nov 2018 20:18

Tgt Ion:264 Resp: 12076
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 25.6 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.375 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

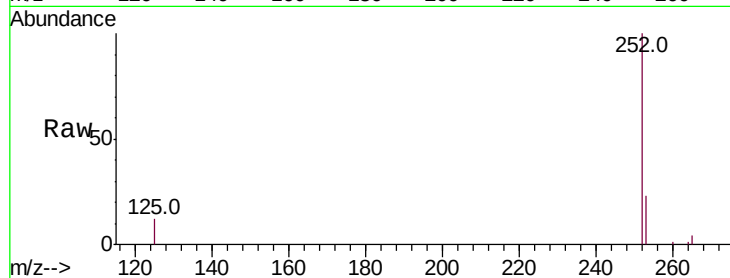
Tot Ion:252 Resp: 12853

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.0

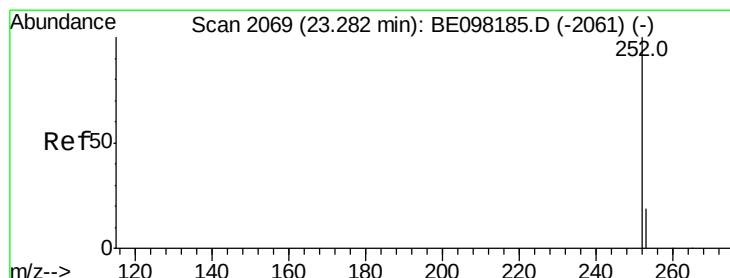
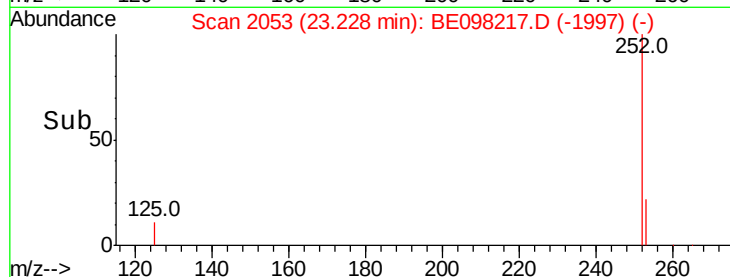
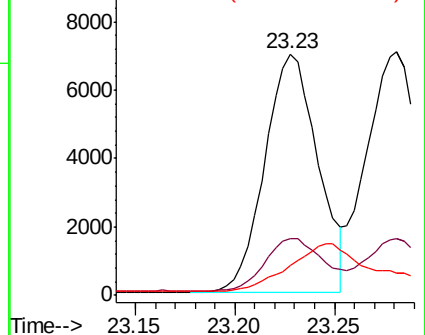
125 12.3 8.6 12.8



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: 0.378 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

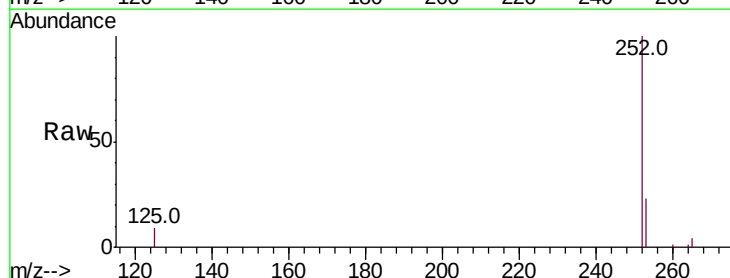
Tgt Ion:252 Resp: 13671

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

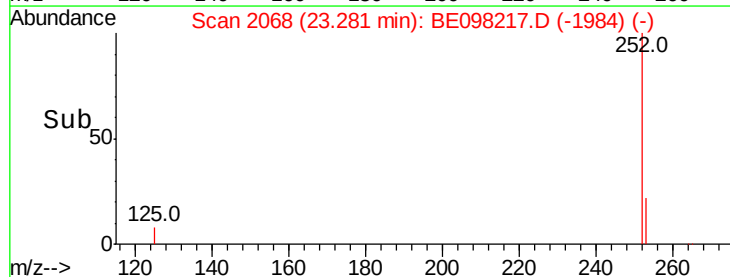
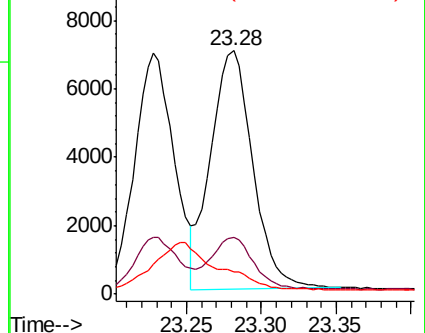
125 9.3 7.4 11.0

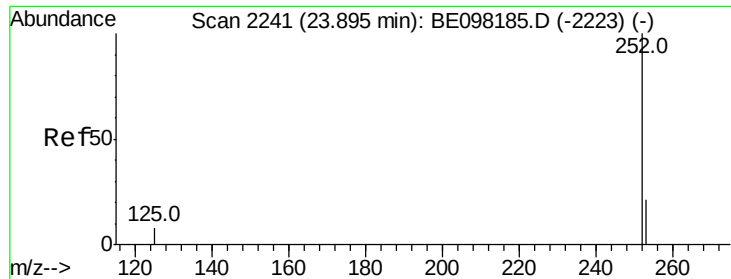


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

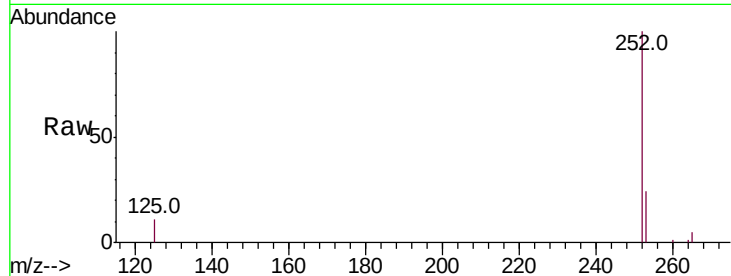
Tot Ion:252 Resp: 12613

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

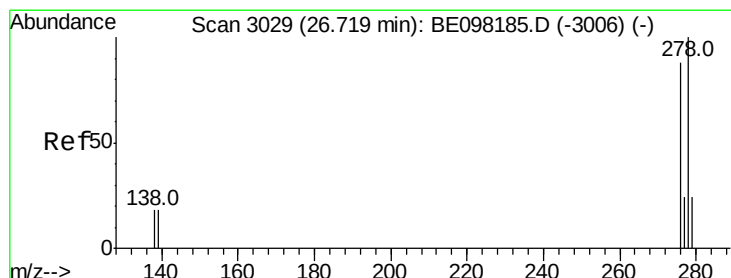
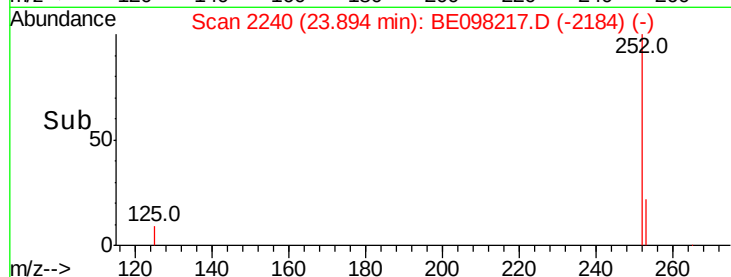
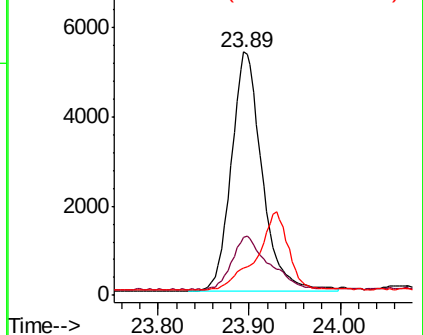
125 11.3 8.0 12.0



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: 0.404 ng

RT: 26.72 min Scan# 3028

Delta R.T. 0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

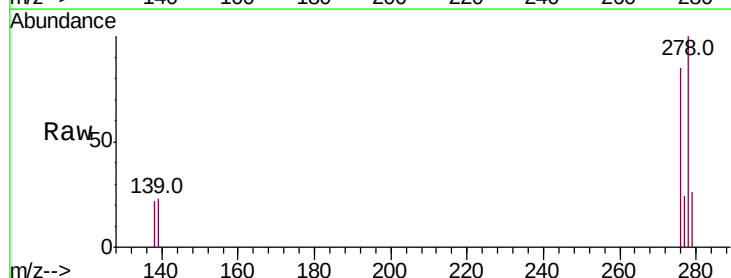
Tgt Ion:278 Resp: 11301

Ion Ratio Lower Upper

278 100

139 22.6 16.4 24.6

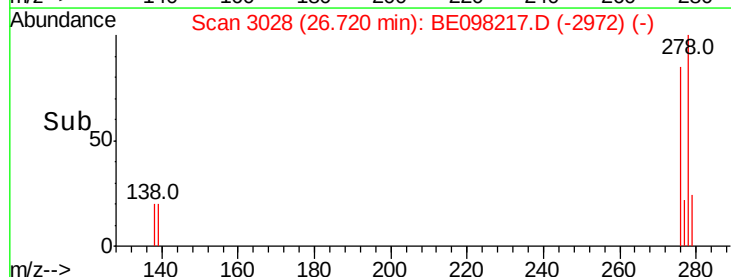
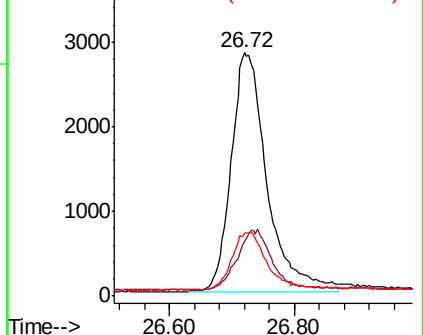
279 26.2 21.3 31.9

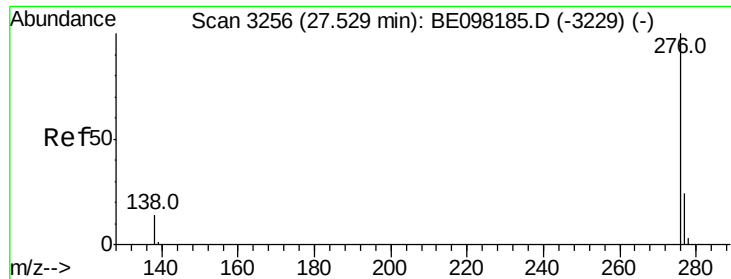


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098217.D

Acq: 13 Nov 2018 20:18

Instrument :

BNA_E

ClientSampleId :

PB114769BS

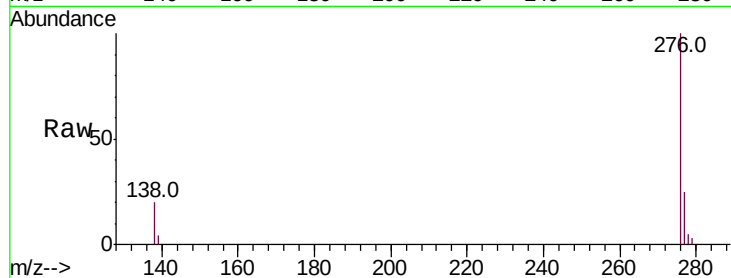
Tot Ion:276 Resp: 11173

Ion Ratio Lower Upper

276 100

277 25.1 20.4 30.6

138 20.0 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

