

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111418\
 Data File : BE098224.D
 Acq On : 14 Nov 2018 14:21
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 14 15:16:57 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	1275	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6018	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3914	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8914	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9975	0.40	ng	0.00
34) Perylene-d12	24.01	264	9589	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1432	0.40	ng	0.00
5) Phenol-d6	7.04	99	2266	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	2463	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4287	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	613	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6387	0.39	ng	0.00
25) Fluoranthene-d10	19.31	212	44100	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	9270	0.41	ng	0.00

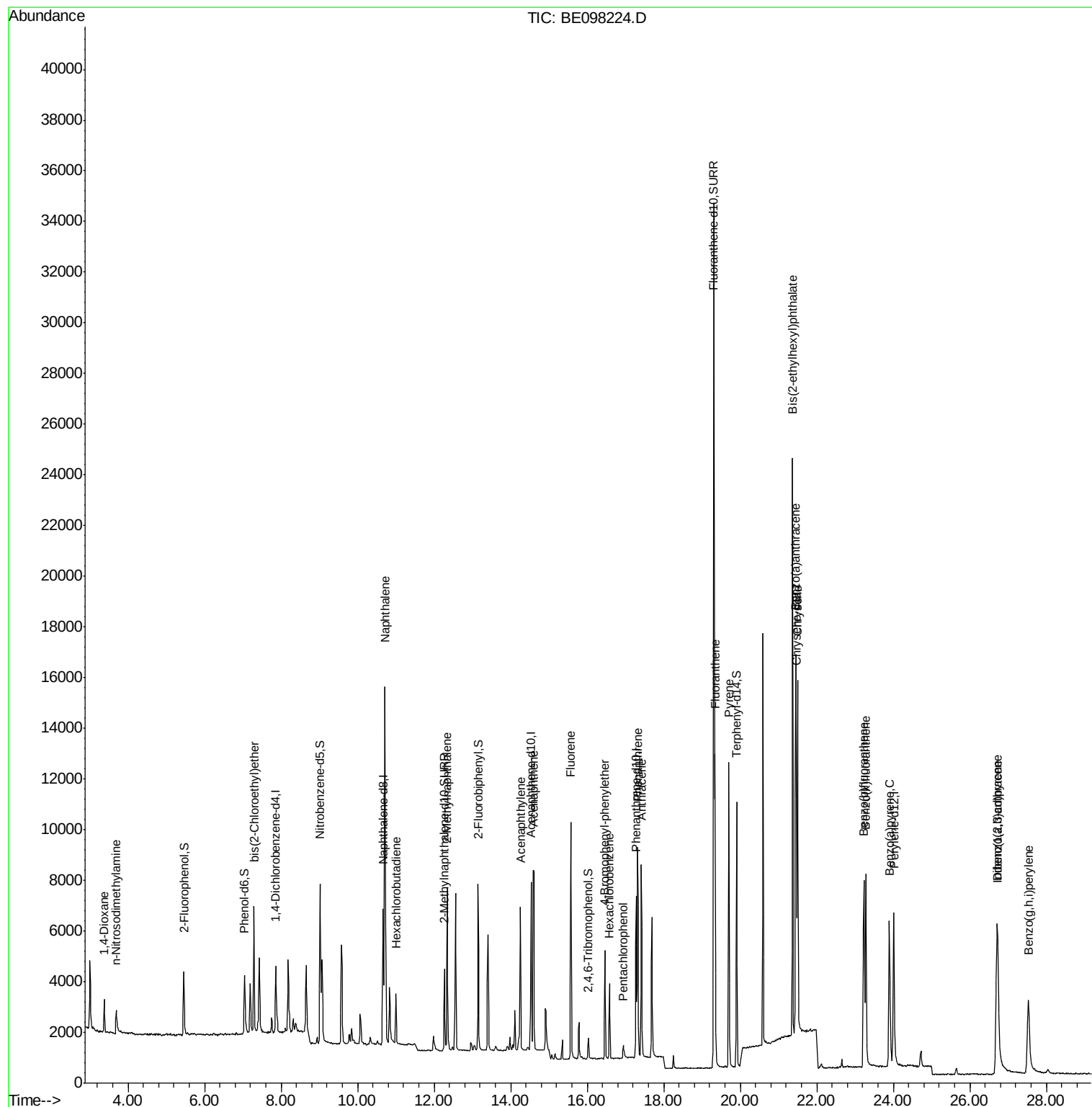
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	737	0.384	ng	96
3) n-Nitrosodimethylamine	3.69	42	954	0.381	ng	# 97
6) bis(2-Chloroethyl)ether	7.29	93	1814	0.389	ng	95
9) Naphthalene	10.72	128	24968	0.408	ng	100
10) Hexachlorobutadiene	11.00	225	1480	0.389	ng	99
12) 2-Methylnaphthalene	12.34	142	4298	0.405	ng	93
16) Acenaphthylene	14.26	152	7362	0.410	ng	99
17) Acenaphthene	14.60	154	4485	0.409	ng	99
18) Fluorene	15.57	166	5731	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2200	0.405	ng	98
21) Hexachlorobenzene	16.58	284	2265	0.401	ng	99
22) Pentachlorophenol	16.94	266	408	0.404	ng	95
23) Phenanthrene	17.32	178	9154	0.412	ng	99
24) Anthracene	17.41	178	8366	0.404	ng	99
26) Fluoranthene	19.34	202	11092	0.403	ng	98
28) Pyrene	19.70	202	11588	0.422	ng	99
30) Benzo(a)anthracene	21.45	228	11827	0.417	ng	100
31) Chrysene	21.50	228	12375	0.430	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	24782	0.421	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	10794	0.409	ng	# 88
35) Benzo(b)fluoranthene	23.23	252	11009	0.405	ng	99
36) Benzo(k)fluoranthene	23.28	252	12218	0.426	ng	99
37) Benzo(a)pyrene	23.90	252	10600	0.406	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	8654	0.389	ng	99
39) Benzo(g,h,i)perylene	27.53	276	9361	0.403	ng	97

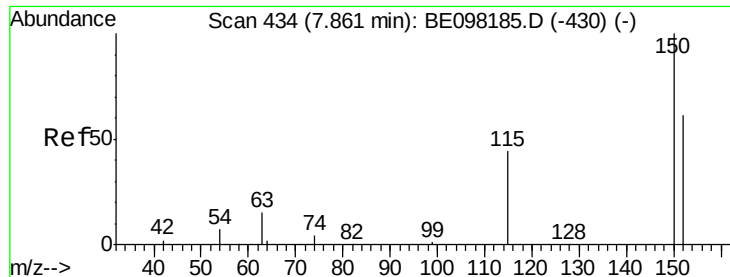
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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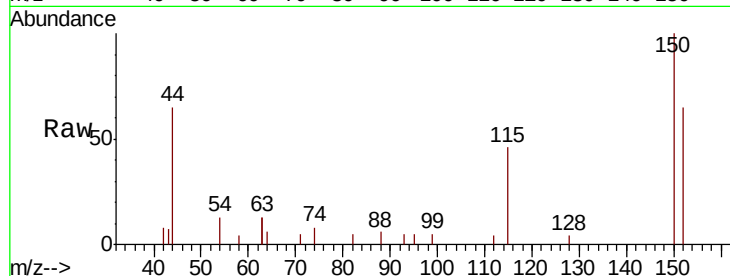


#1

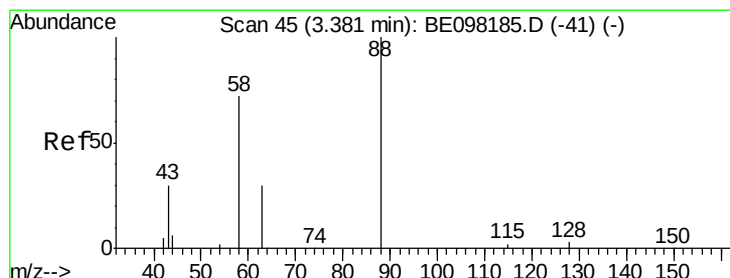
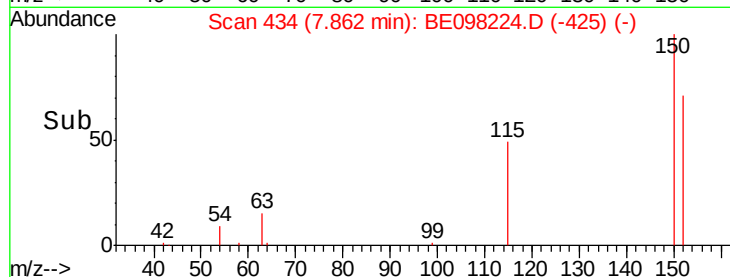
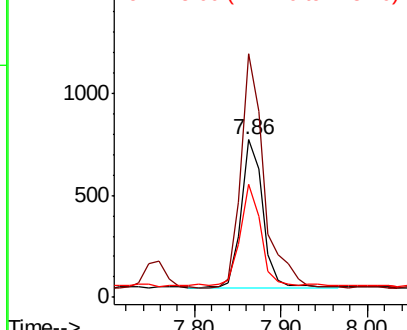
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1275
Ion Ratio Lower Upper
152 100
150 154.5 127.5 191.3
115 71.5 60.3 90.5



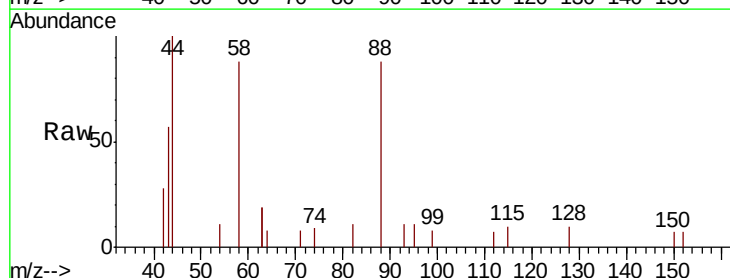
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



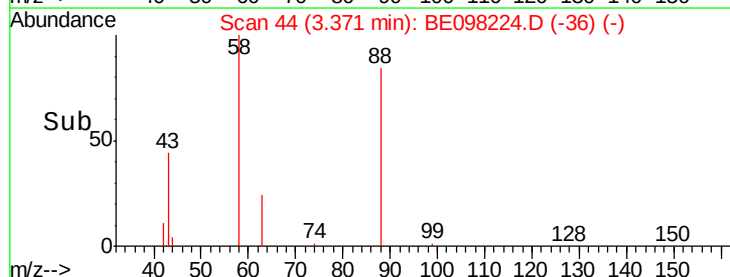
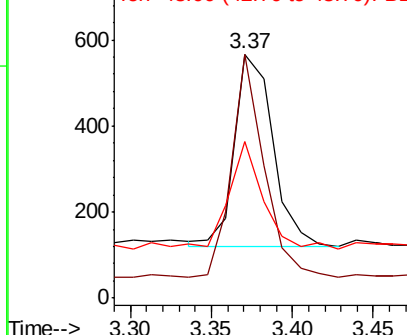
#2

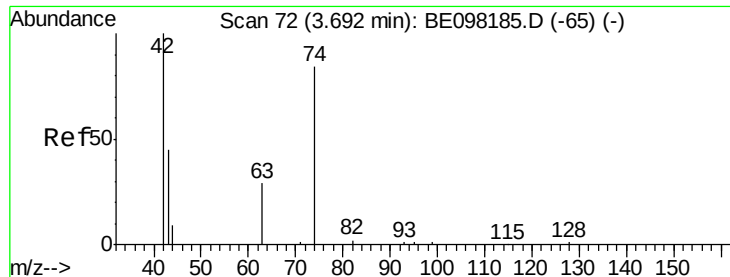
1,4-Dioxane
Concen: 0.384 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Tgt Ion: 88 Resp: 737
Ion Ratio Lower Upper
88 100
58 96.2 79.0 118.4
43 51.7 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: 0.381 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

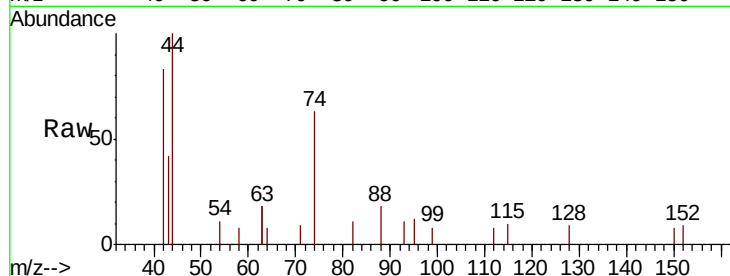
Tot Ion: 42 Resp: 954

Ion Ratio Lower Upper

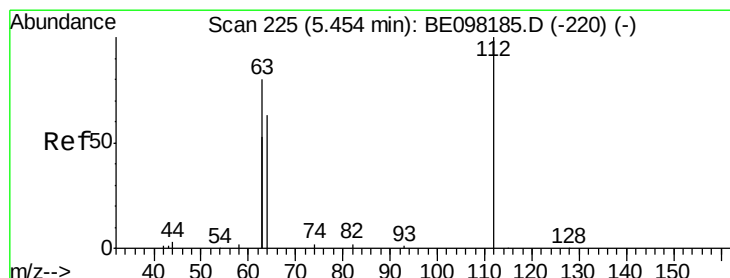
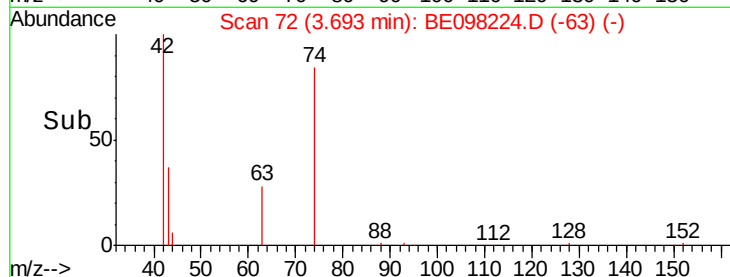
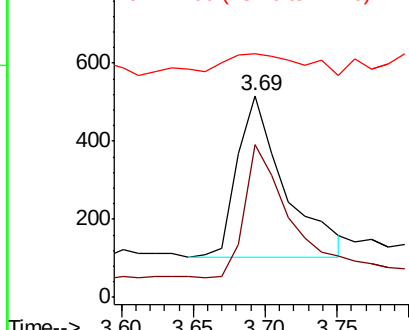
42 100

74 77.3 61.7 92.5

44 24.1 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: 0.398 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

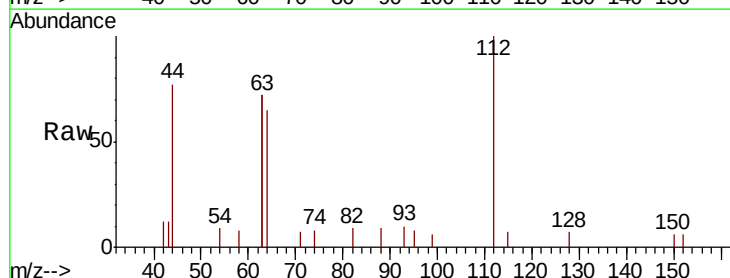
Tgt Ion: 112 Resp: 1432

Ion Ratio Lower Upper

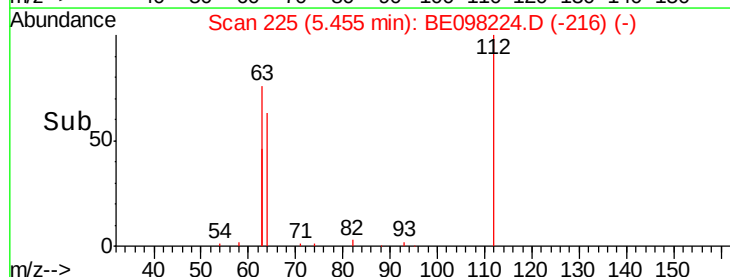
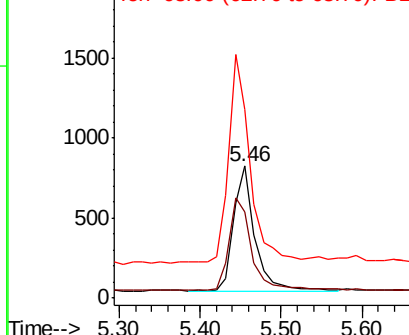
112 100

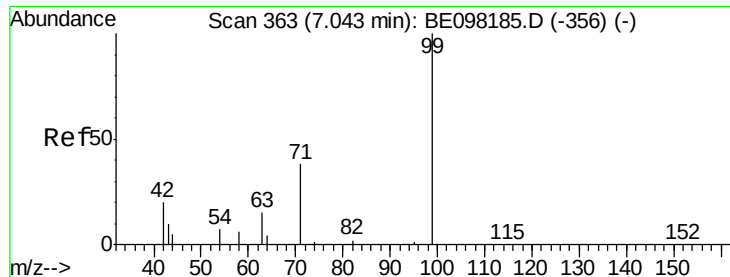
64 77.2 61.7 92.5

63 161.3 136.2 204.2



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: 0.392 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampled :

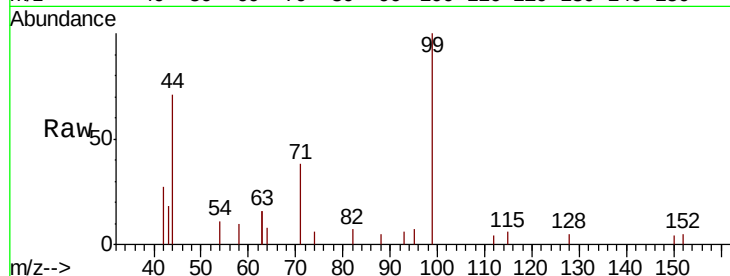
Tot Ion: 99 Resp: 2266

Ion Ratio Lower Upper

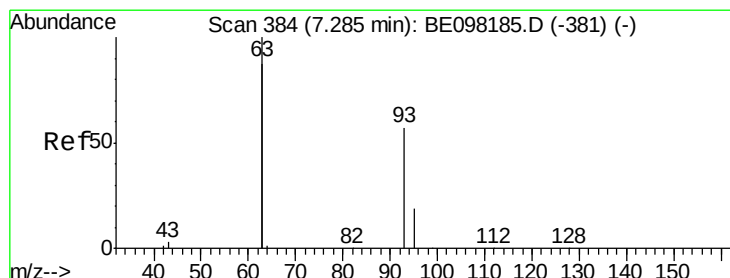
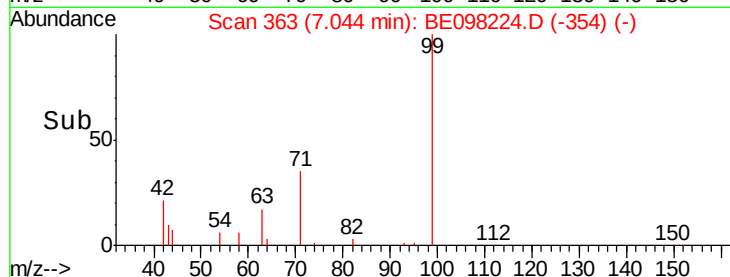
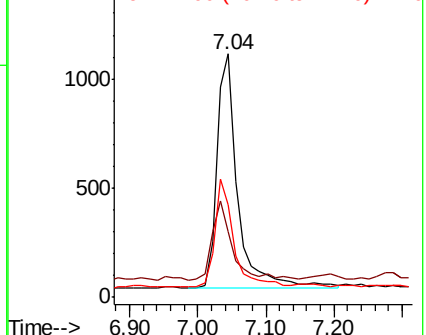
99 100

42 34.2 27.1 40.7

71 42.3 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: 0.389 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

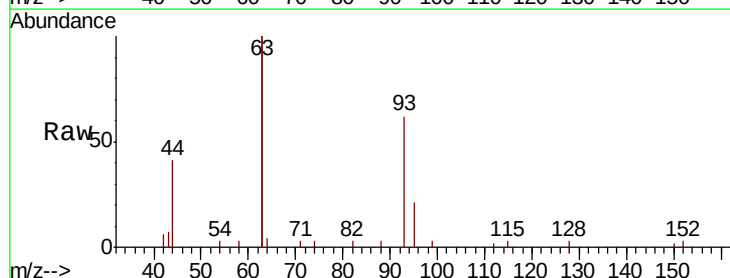
Tgt Ion: 93 Resp: 1814

Ion Ratio Lower Upper

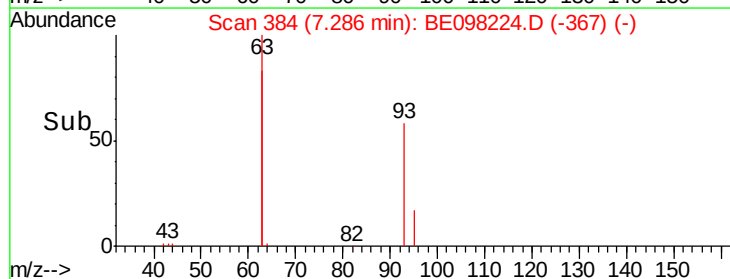
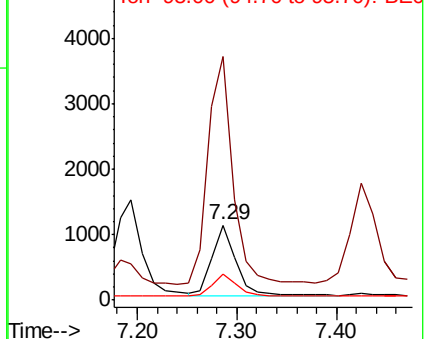
93 100

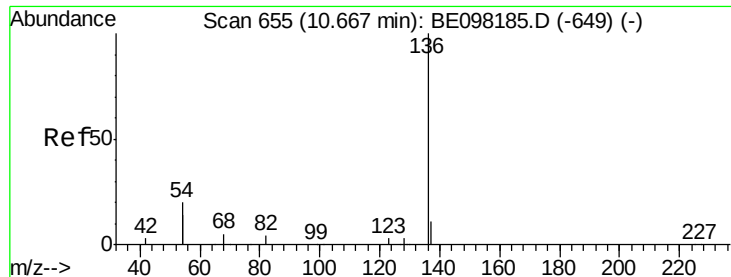
63 329.6 272.6 409.0

95 31.1 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: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 6018

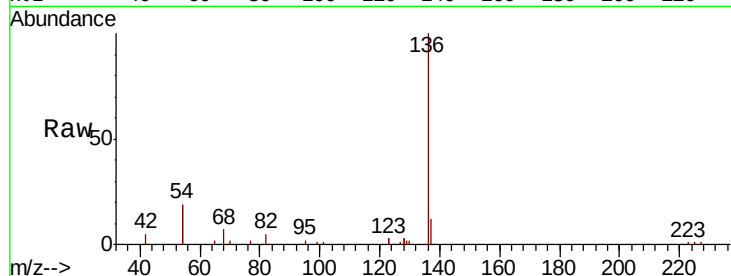
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 38.8 31.3 46.9

68 6.8 4.8 7.2

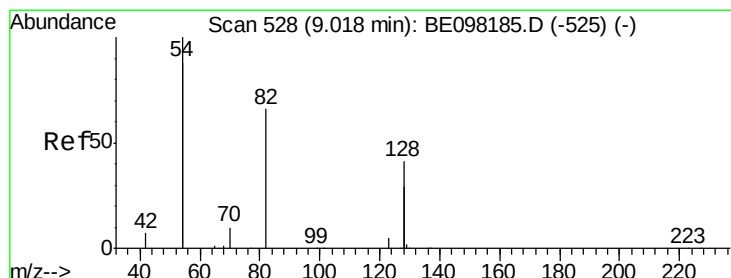
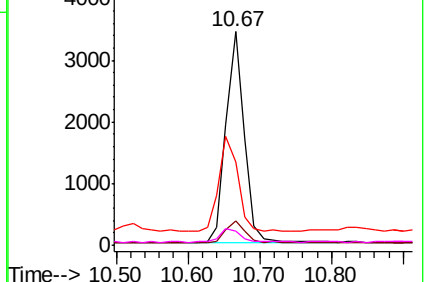
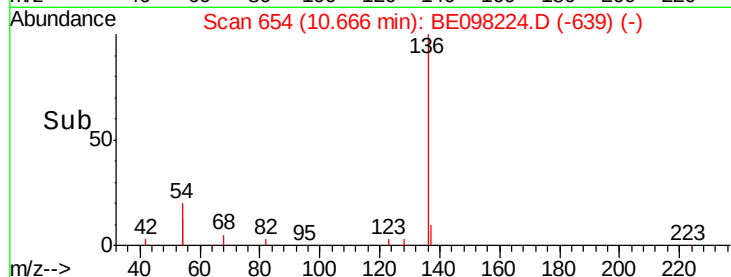


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

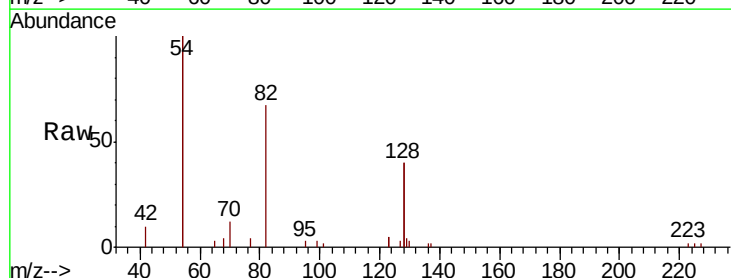
Tgt Ion: 82 Resp: 2463

Ion Ratio Lower Upper

82 100

128 121.2 96.1 144.1

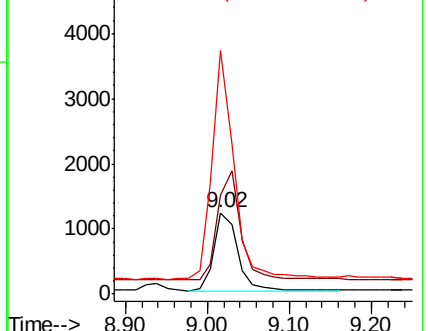
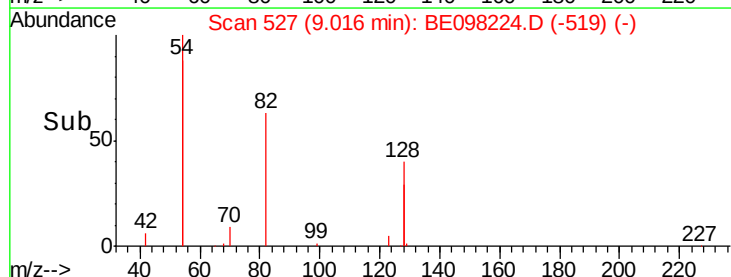
54 299.5 232.0 348.0

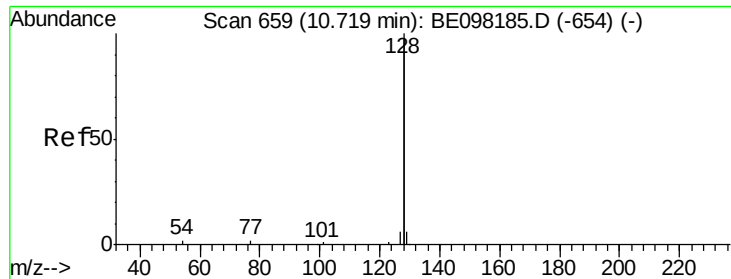


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

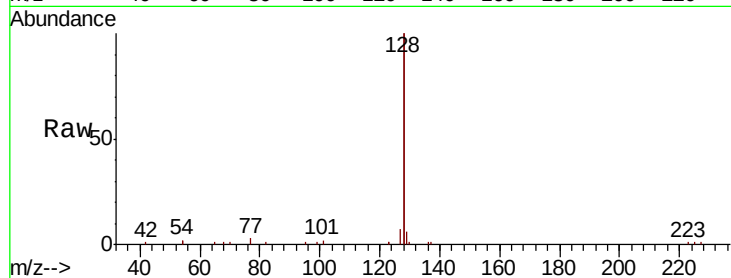
Tot Ion:128 Resp: 24968

Ion Ratio Lower Upper

128 100

129 3.1 2.6 4.0

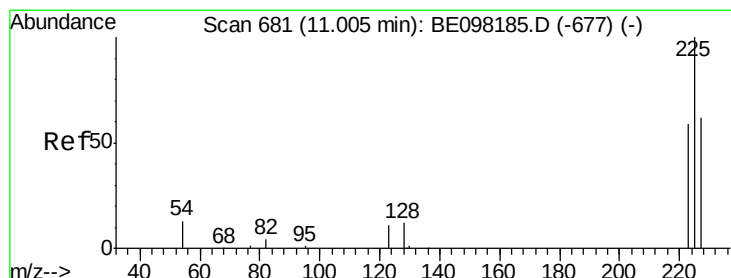
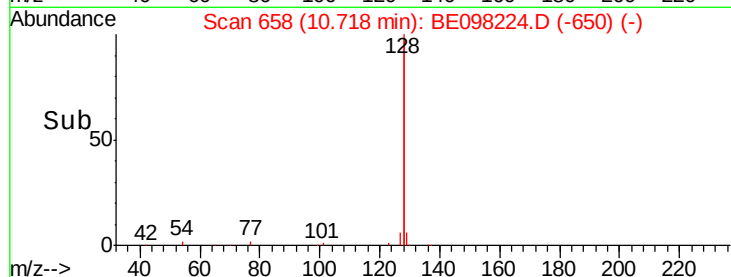
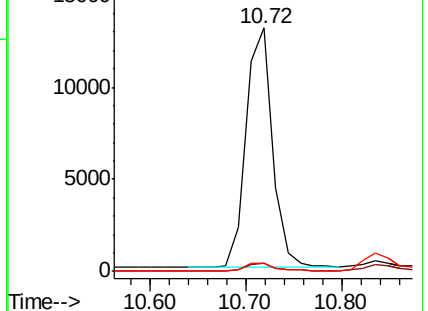
127 3.4 2.8 4.2



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: 0.389 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

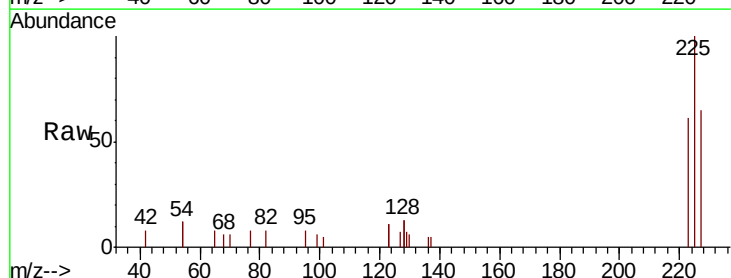
Tgt Ion:225 Resp: 1480

Ion Ratio Lower Upper

225 100

223 61.8 50.5 75.7

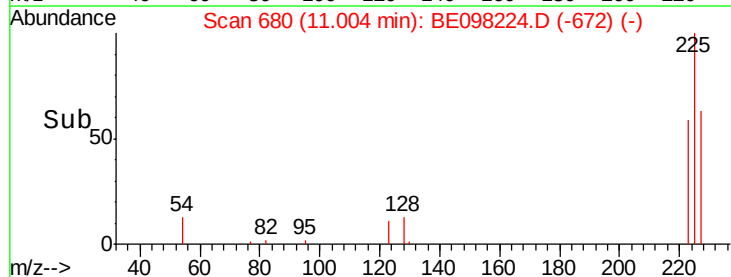
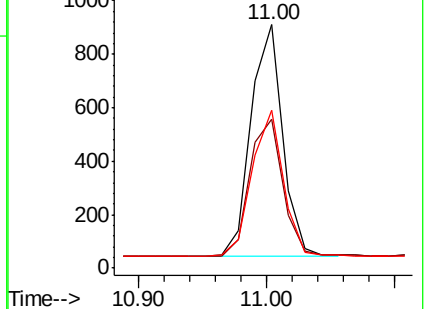
227 63.6 50.3 75.5

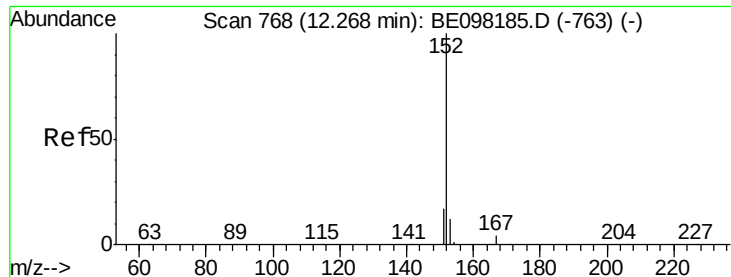


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

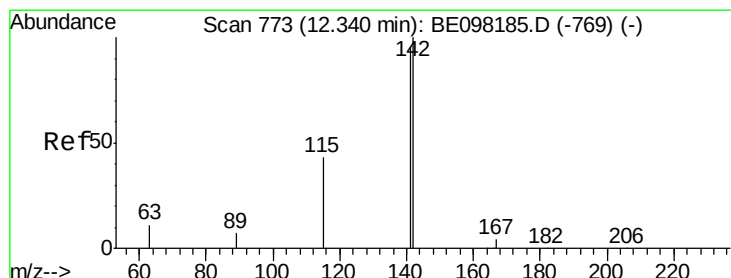
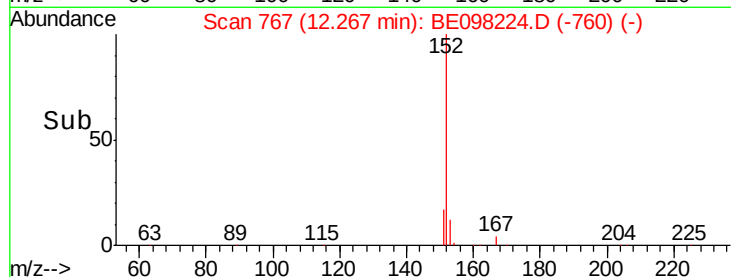
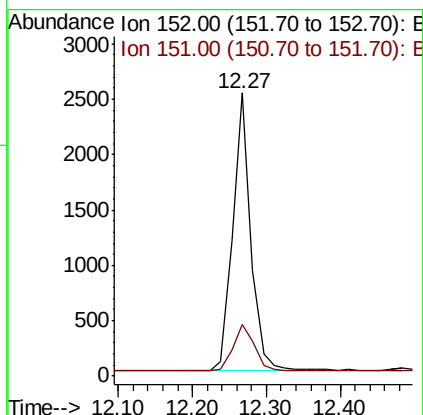
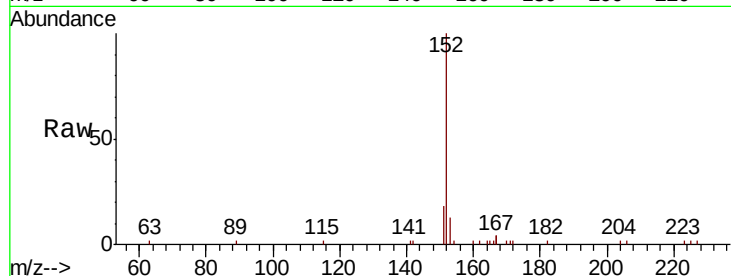




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098224.D
 Acq: 14 Nov 2018 14:21

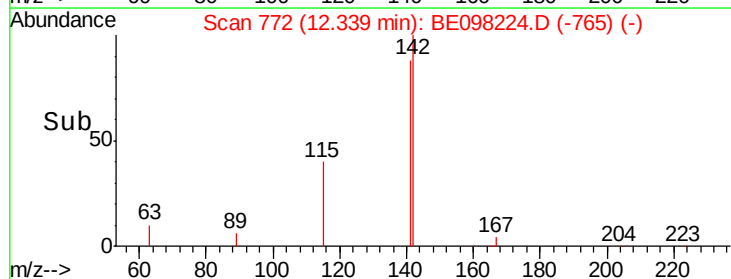
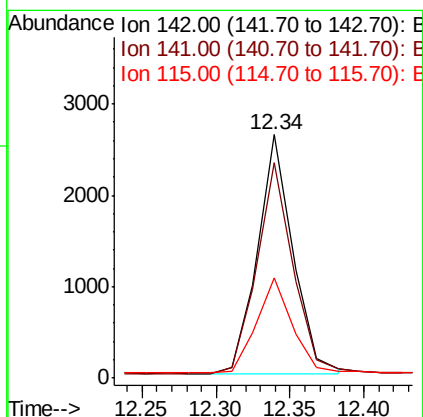
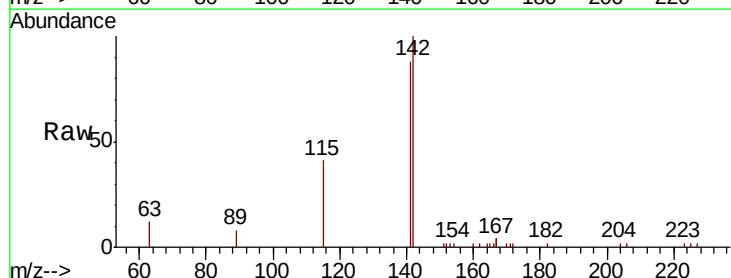
Instrument :
 BNA_E
 ClientSampleId :

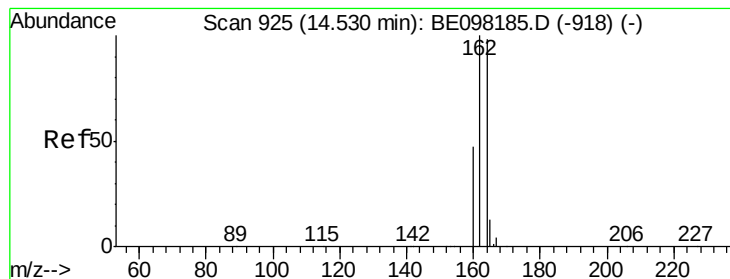
Tot Ion:152 Resp: 4287
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.405 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098224.D
 Acq: 14 Nov 2018 14:21

Tgt Ion:142 Resp: 4298
 Ion Ratio Lower Upper
 142 100
 141 88.3 76.3 114.5
 115 41.4 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: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

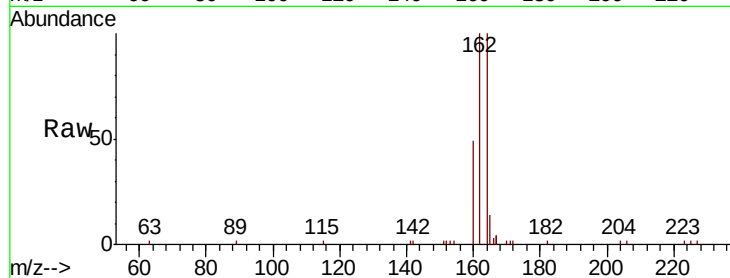
Tot Ion:164 Resp: 3914

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

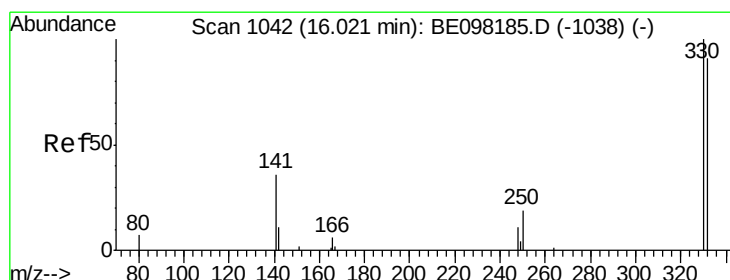
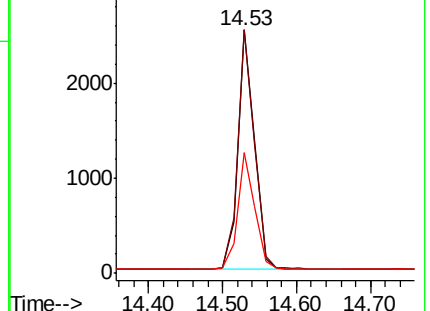
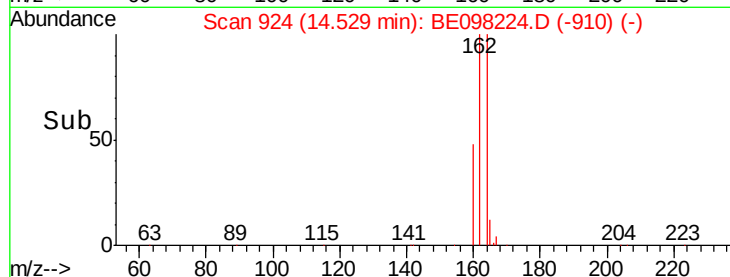
160 49.4 39.4 59.0



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: 0.359 ng

RT: 16.02 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

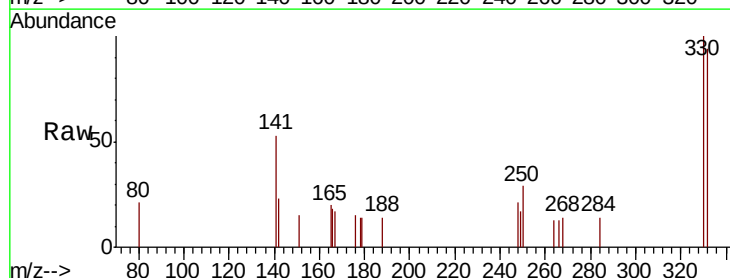
Tgt Ion:330 Resp: 613

Ion Ratio Lower Upper

330 100

332 90.2 77.7 116.5

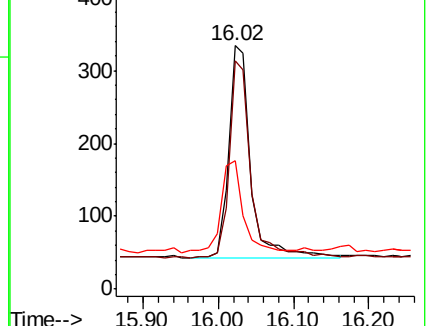
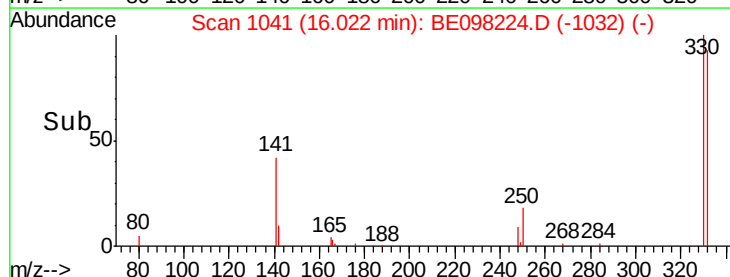
141 43.1 33.6 50.4

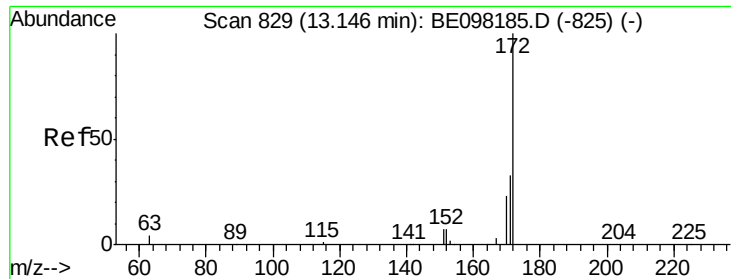


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

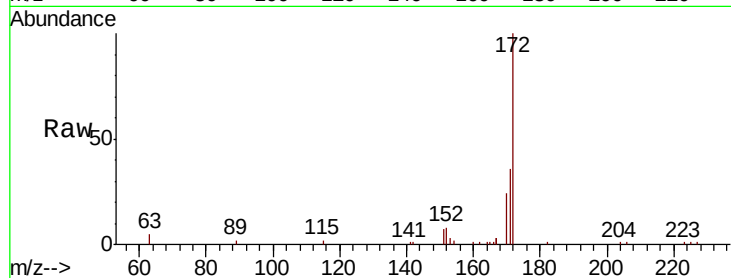




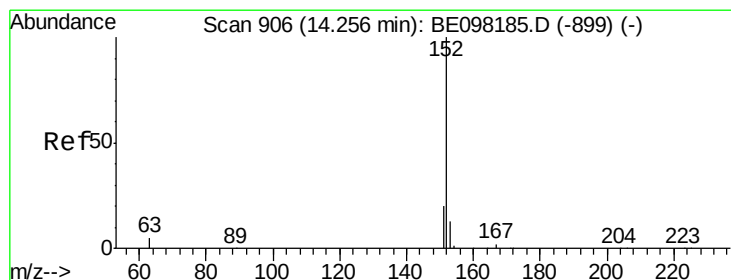
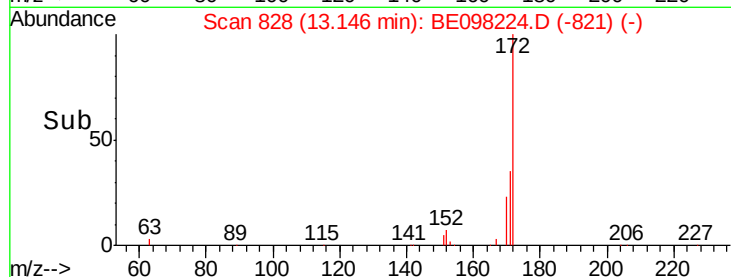
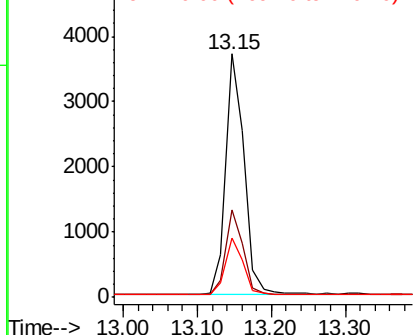
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6387
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 24.1 19.4 29.0

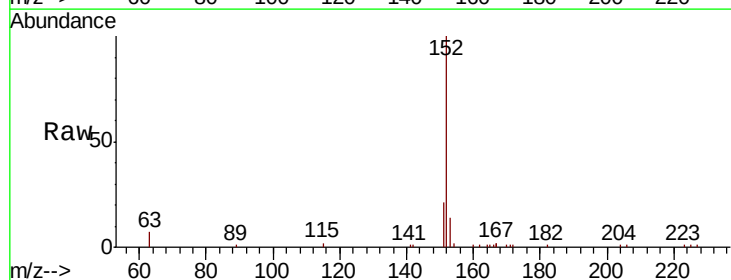


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

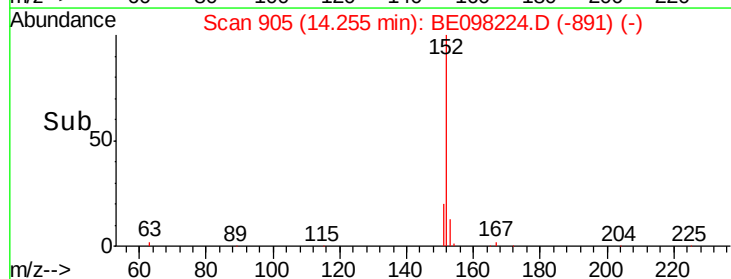
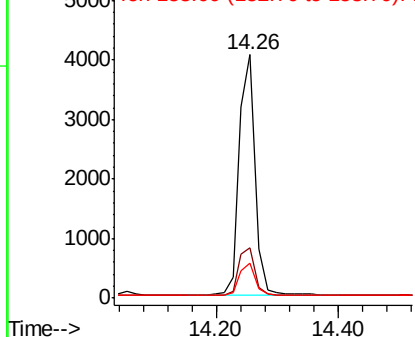


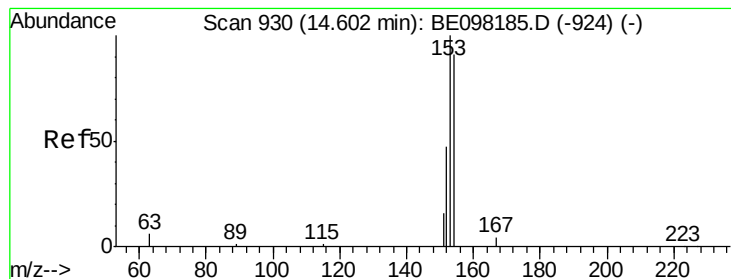
#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Tgt Ion:152 Resp: 7362
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.4 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: 0.409 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

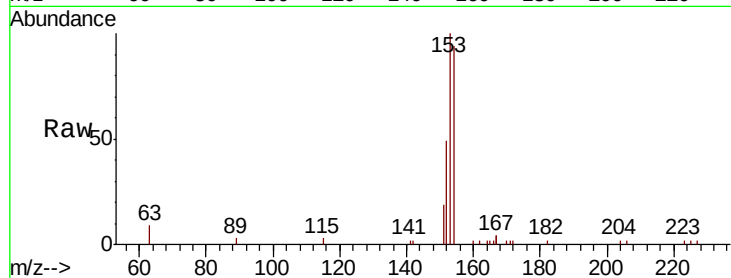
Tot Ion:154 Resp: 4485

Ion Ratio Lower Upper

154 100

153 114.5 92.1 138.1

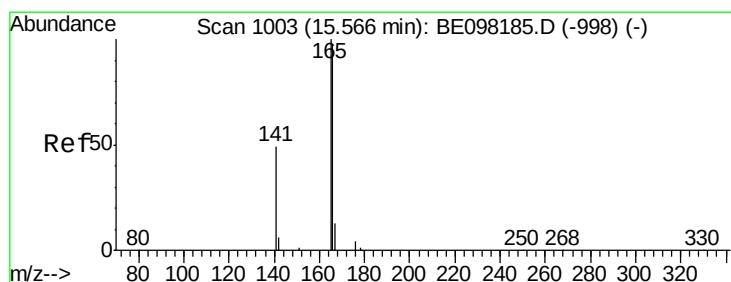
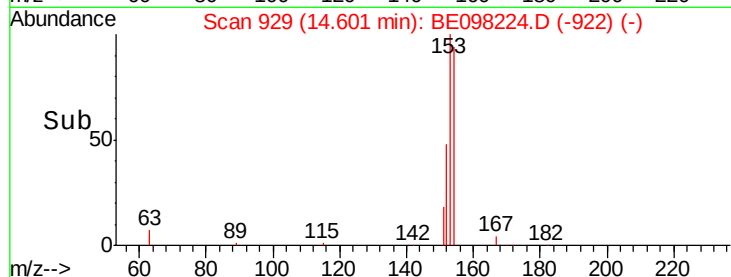
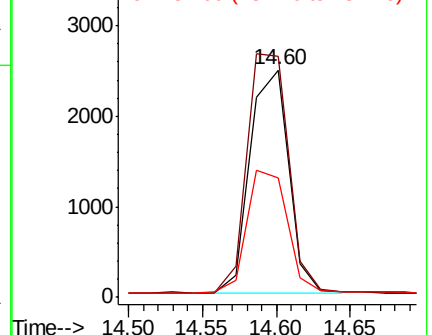
152 57.3 46.2 69.2



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: 0.409 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

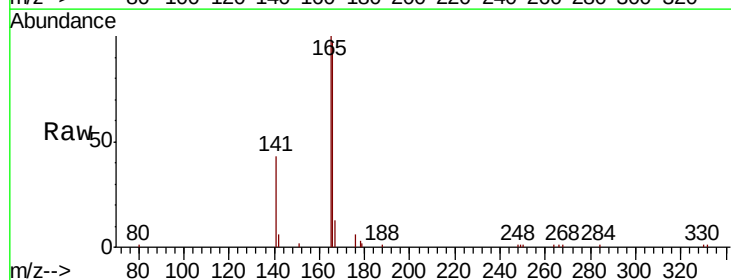
Tgt Ion:166 Resp: 5731

Ion Ratio Lower Upper

166 100

165 99.3 80.1 120.1

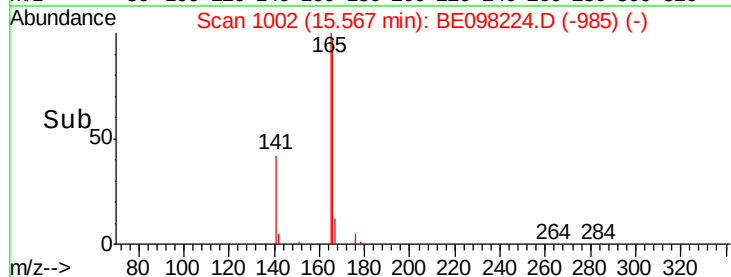
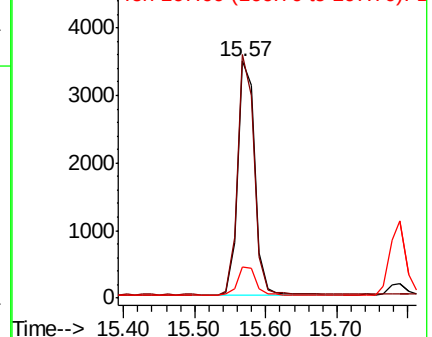
167 12.8 10.8 16.2

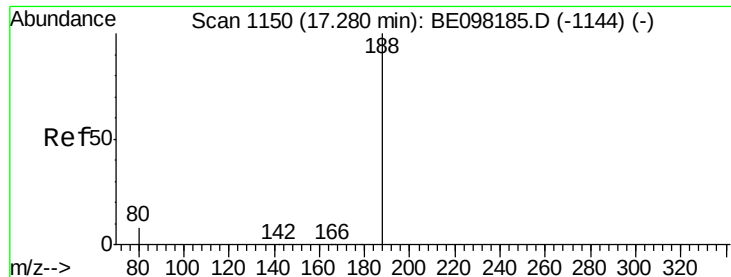


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

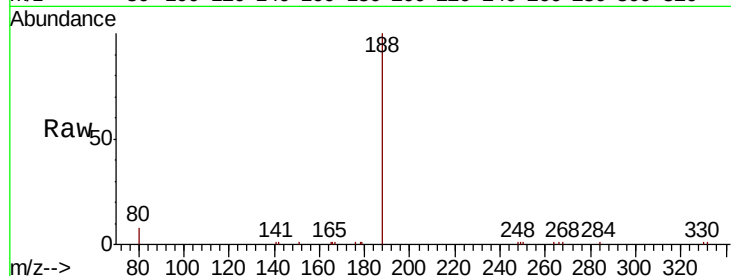
Tot Ion:188 Resp: 8914

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 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

8000

6000

4000

2000

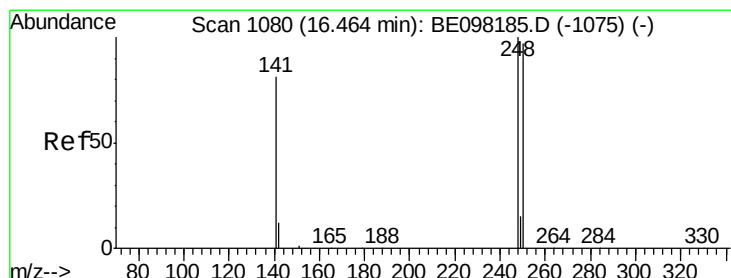
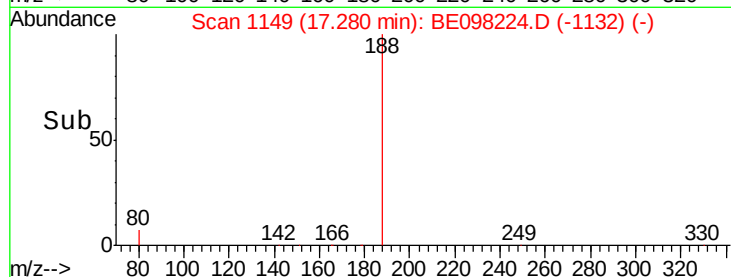
0

17.28

17.20

17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.405 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

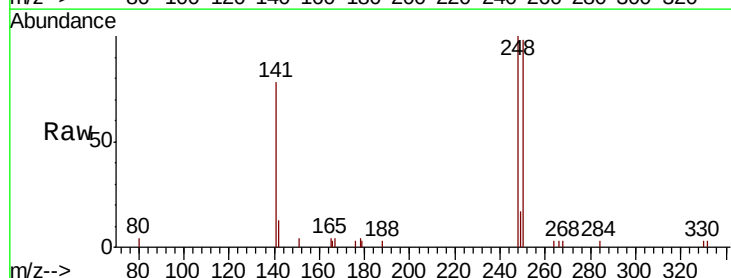
Tgt Ion:248 Resp: 2200

Ion Ratio Lower Upper

248 100

250 97.6 77.6 116.4

141 78.5 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

2000

1500

1000

500

0

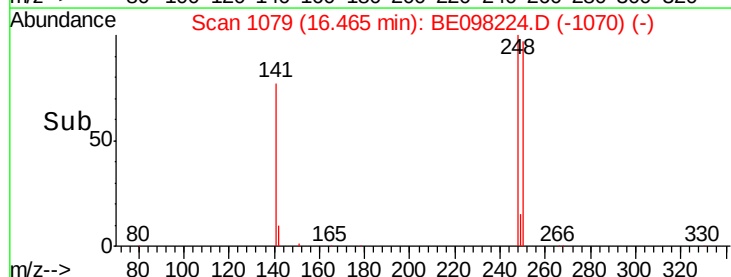
16.46

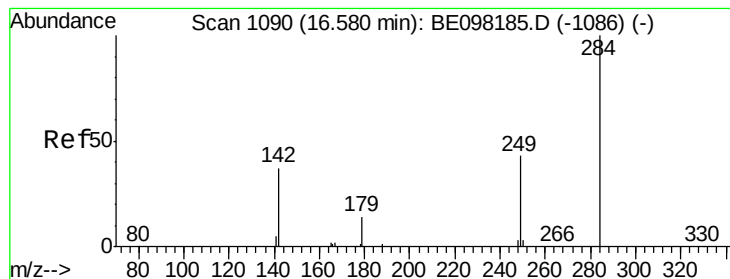
16.40

16.50

16.55

Time-->





#21

Hexachlorobenzene

Concen: 0.401 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

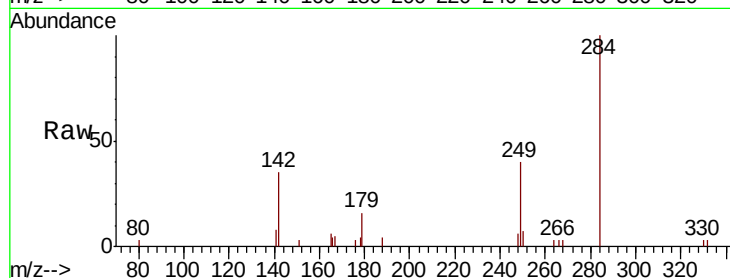
Tot Ion:284 Resp: 2265

Ion Ratio Lower Upper

284 100

142 34.3 26.5 39.7

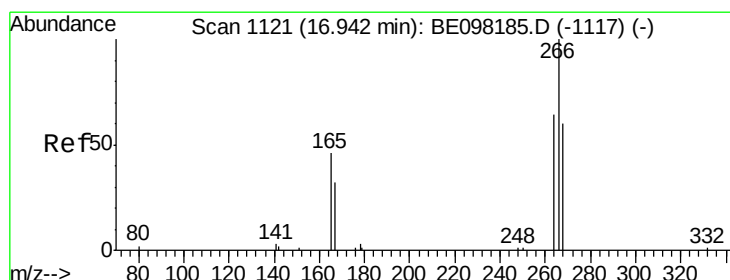
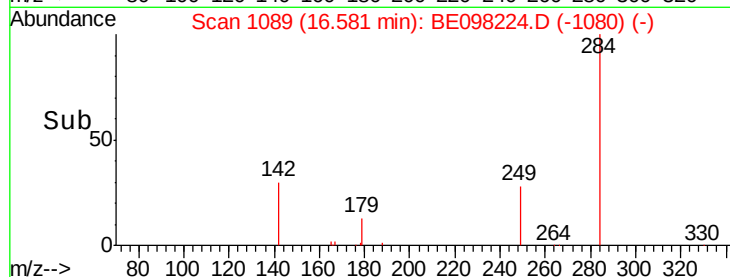
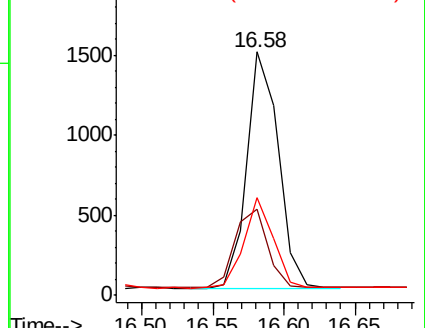
249 35.8 28.4 42.6



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: 0.404 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

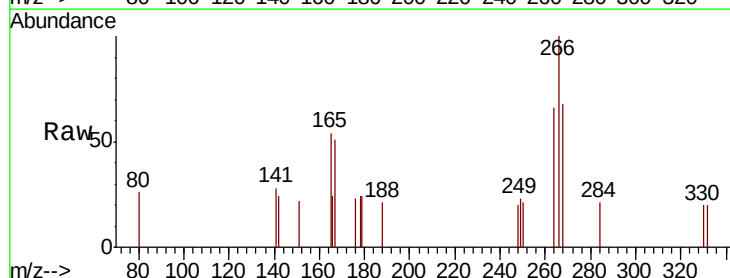
Tgt Ion:266 Resp: 408

Ion Ratio Lower Upper

266 100

264 66.4 57.6 86.4

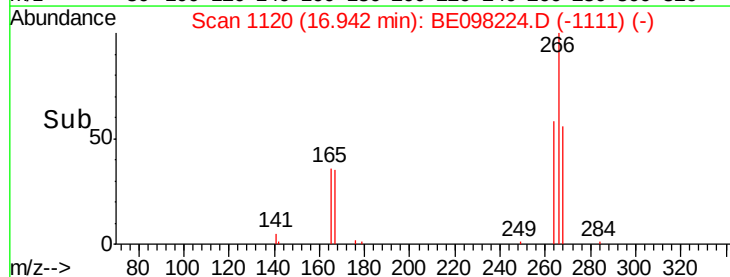
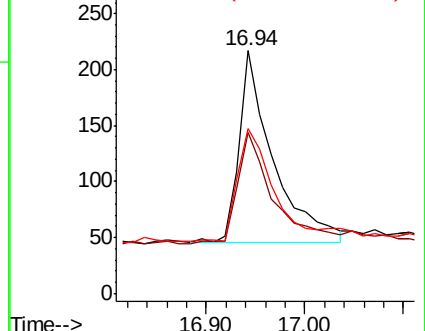
268 67.7 56.8 85.2

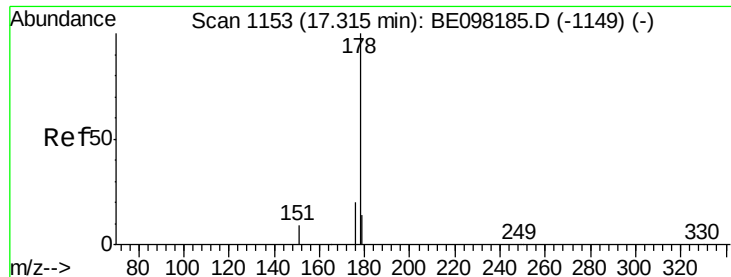


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.412 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

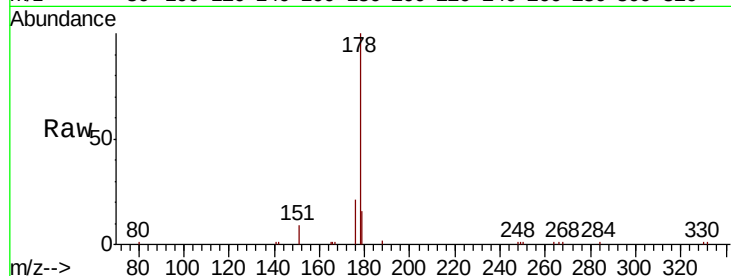
Tot Ion:178 Resp: 9154

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 16.0 12.3 18.5

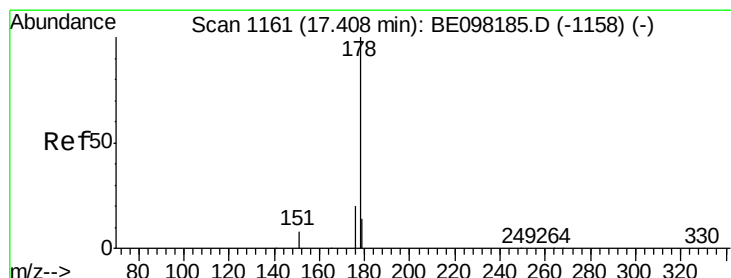
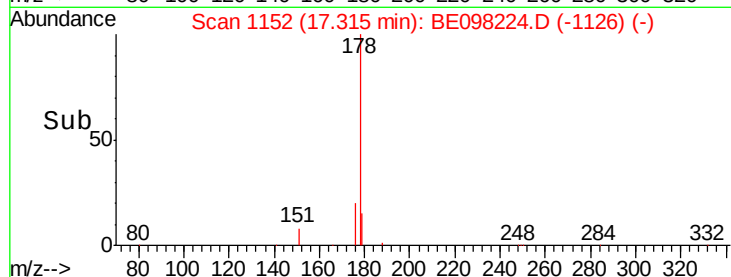
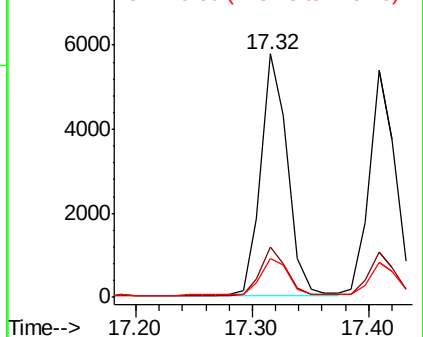


Abundance

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: 0.404 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

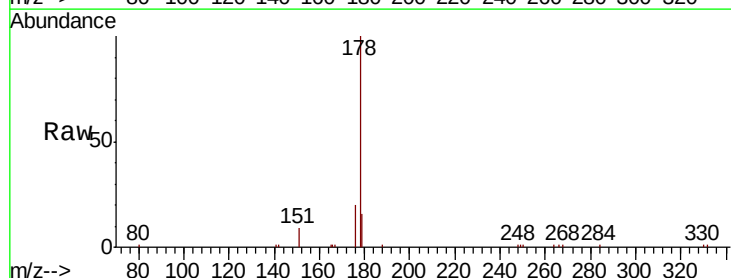
Tgt Ion:178 Resp: 8366

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

179 14.9 12.1 18.1

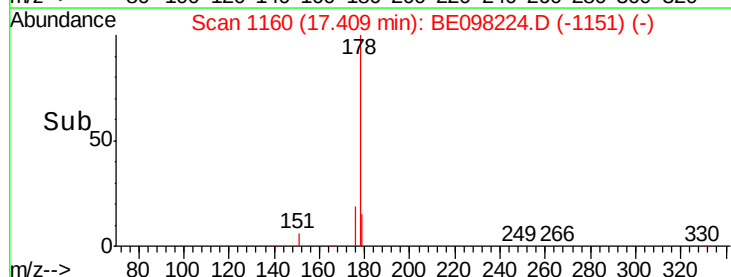
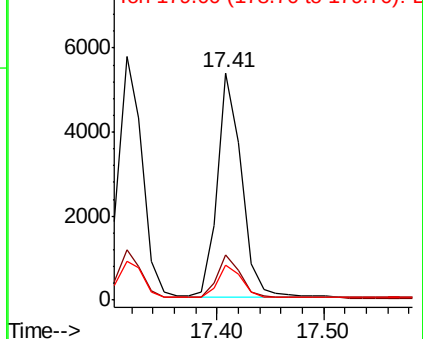


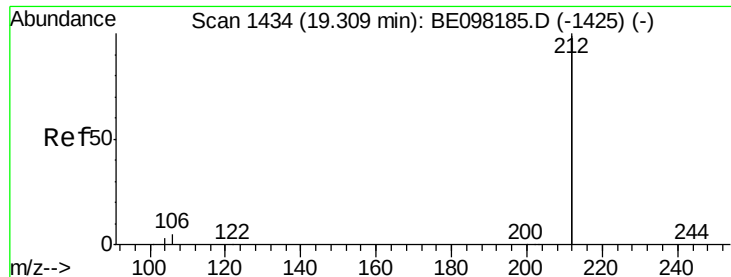
Abundance

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: 0.396 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

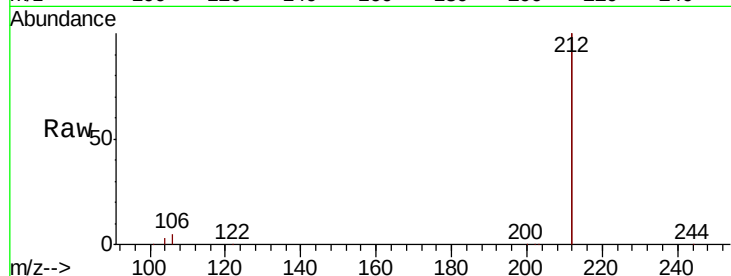
Tot Ion:212 Resp: 44100

Ion Ratio Lower Upper

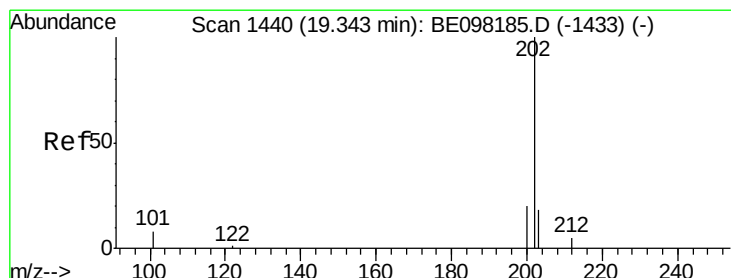
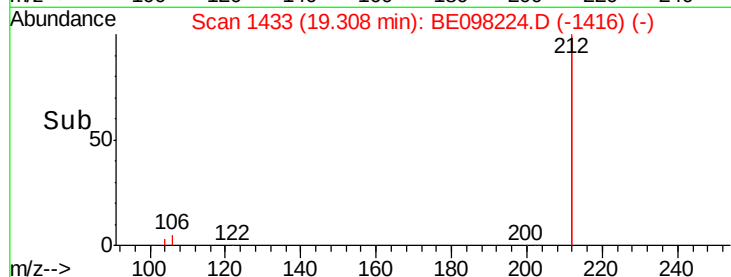
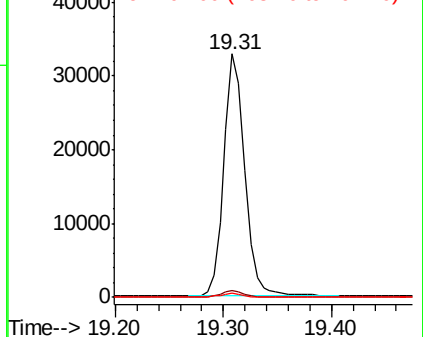
212 100

106 2.6 1.8 2.8

104 1.5 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: 0.403 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

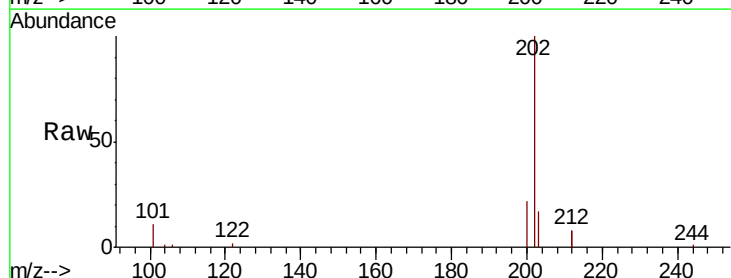
Tgt Ion:202 Resp: 11092

Ion Ratio Lower Upper

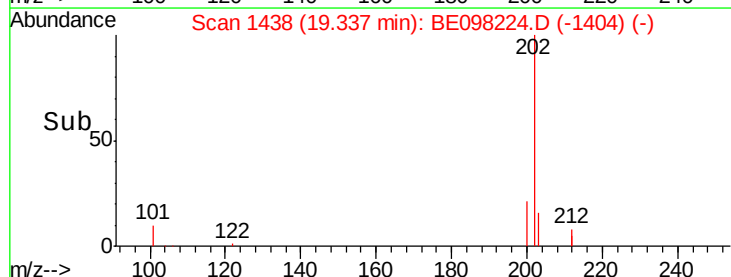
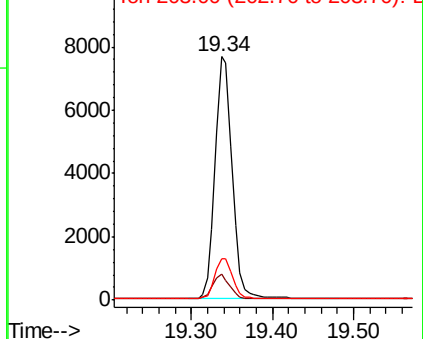
202 100

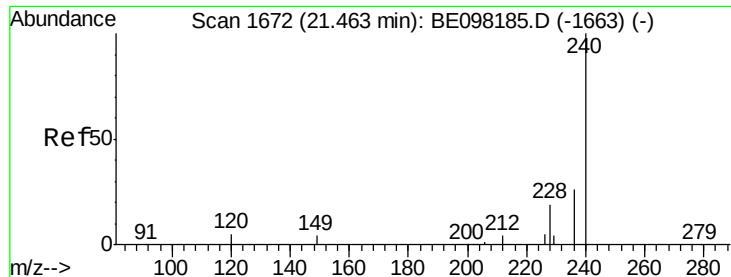
101 10.0 7.0 10.6

203 16.8 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: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

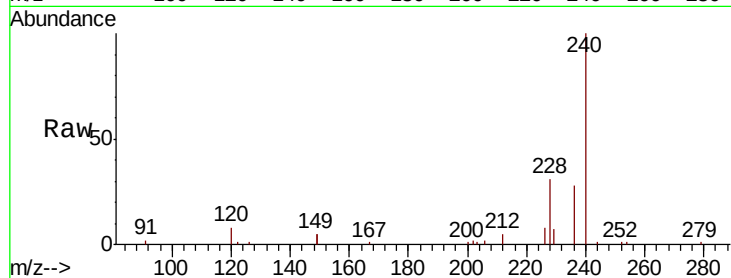
Tot Ion:240 Resp: 9975

Ion Ratio Lower Upper

240 100

120 8.3 4.8 7.2#

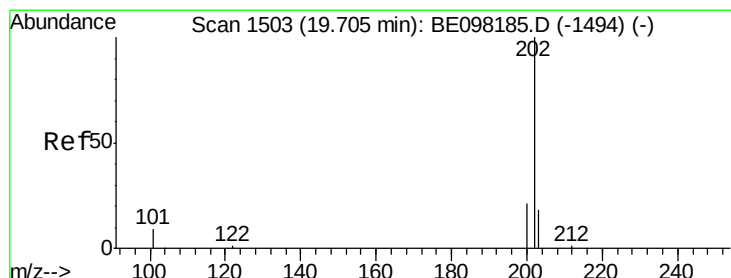
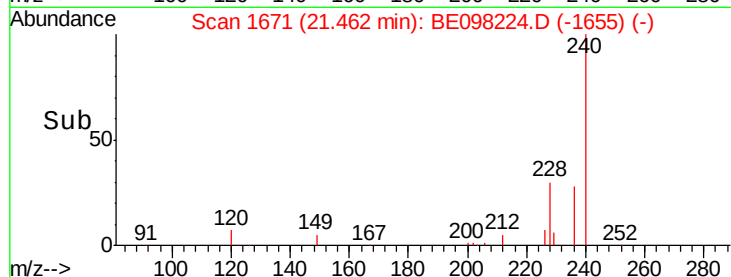
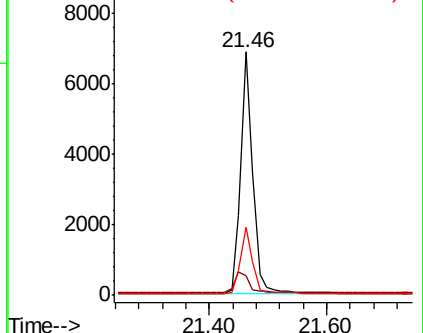
236 28.1 21.4 32.0



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: 0.422 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

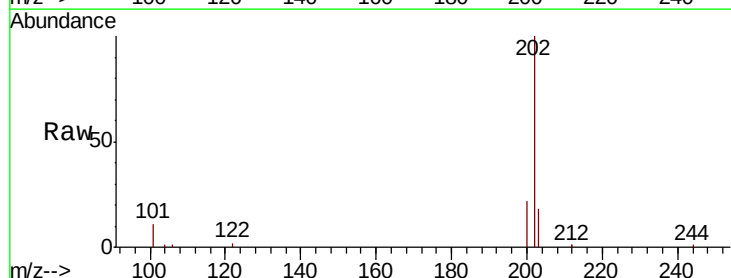
Tgt Ion:202 Resp: 11588

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

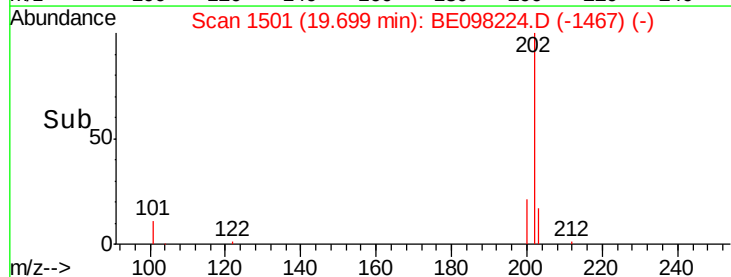
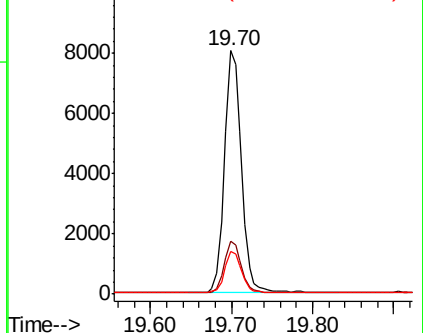
203 17.1 14.2 21.4

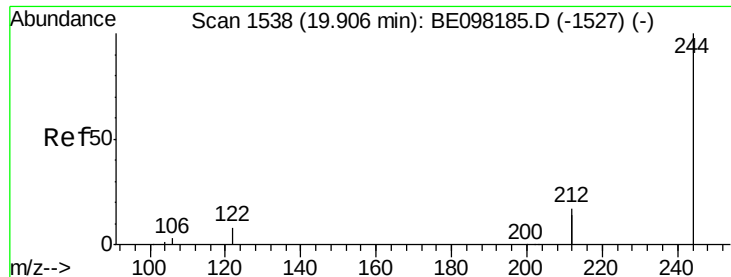


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampled :

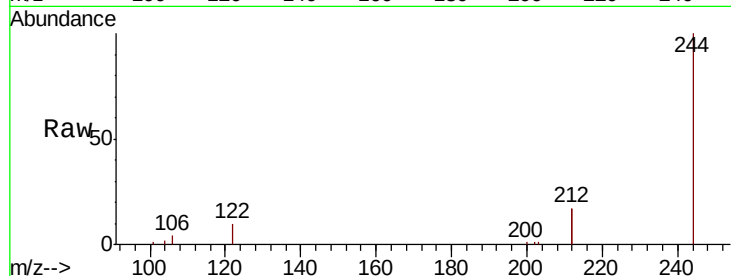
Tot Ion:244 Resp: 9270

Ion Ratio Lower Upper

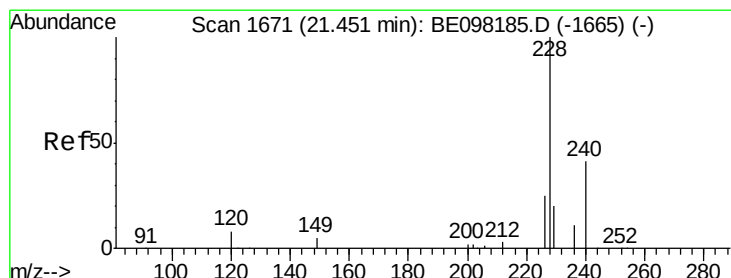
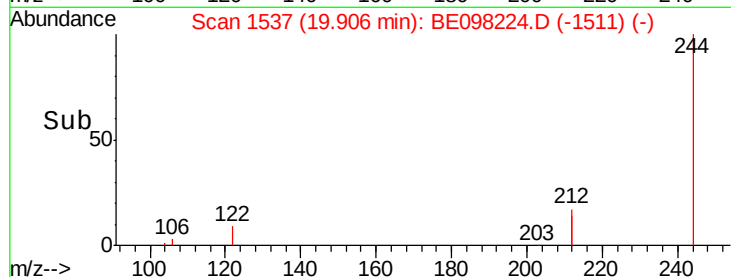
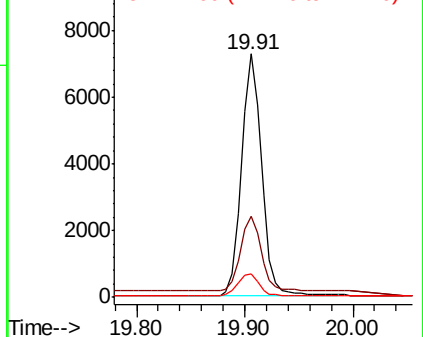
244 100

212 33.3 26.8 40.2

122 9.5 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: 0.417 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

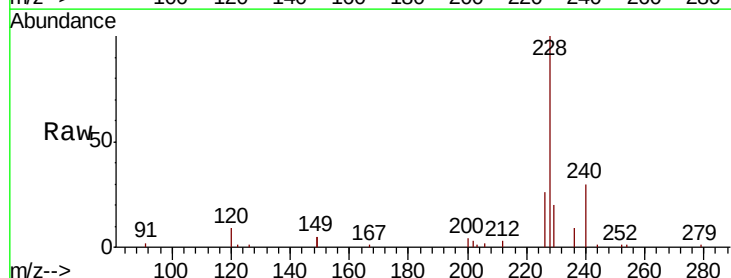
Tgt Ion:228 Resp: 11827

Ion Ratio Lower Upper

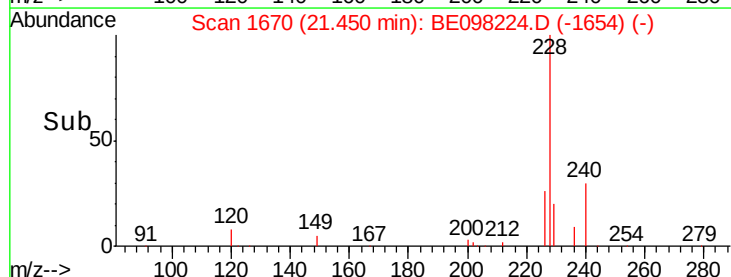
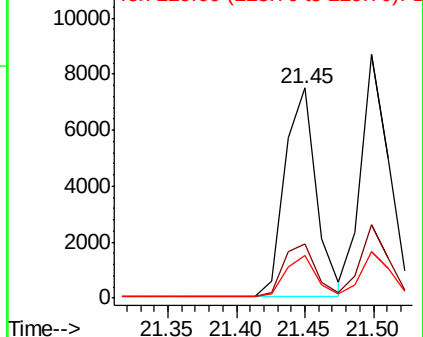
228 100

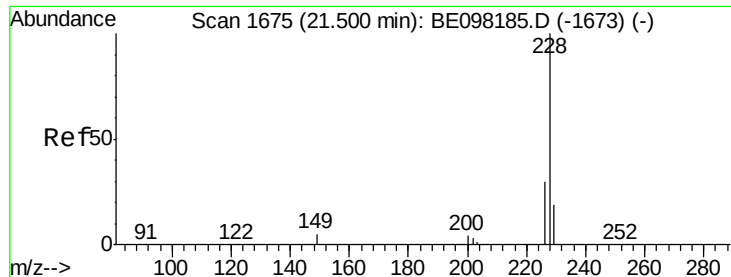
226 26.0 20.7 31.1

229 20.3 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

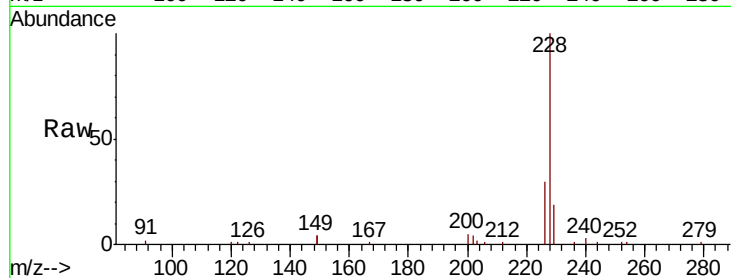




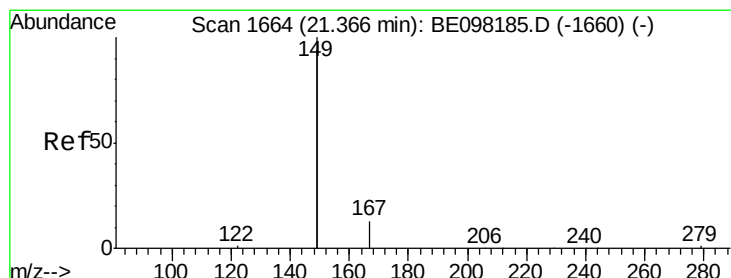
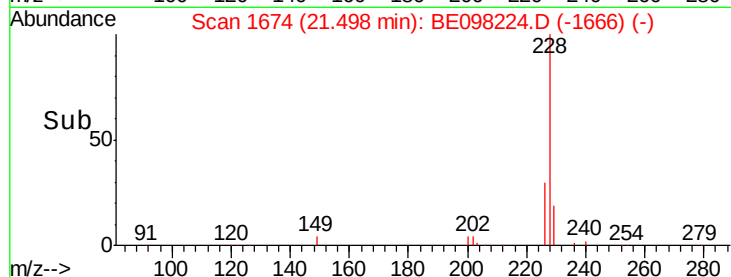
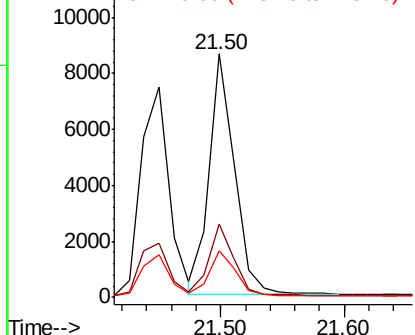
#31
Chrysene
Concen: 0.430 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 12375
Ion Ratio Lower Upper
228 100
226 30.0 24.6 36.8
229 19.3 16.0 24.0

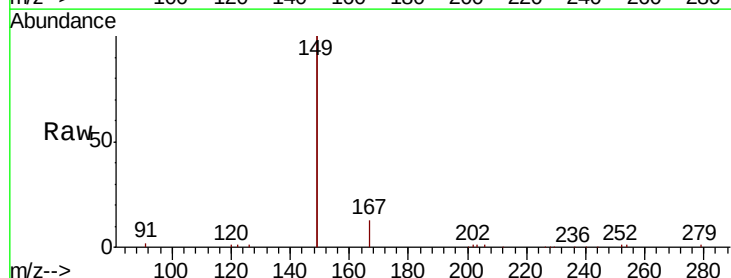


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

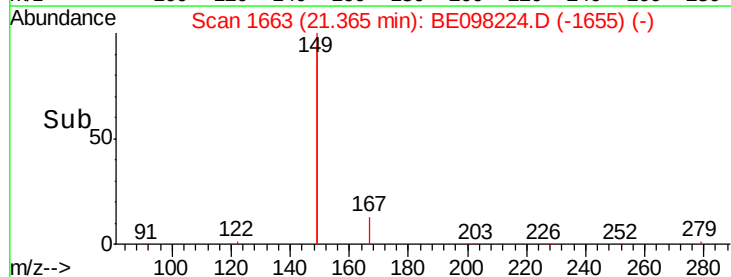
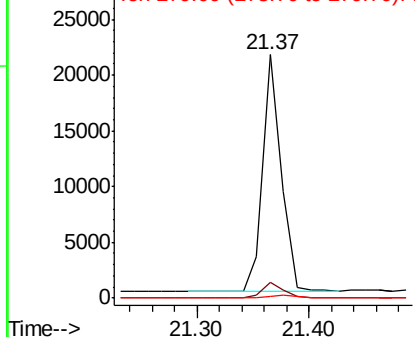


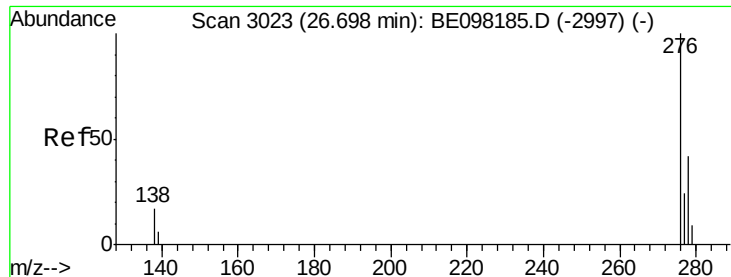
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.421 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Tgt Ion:149 Resp: 24782
Ion Ratio Lower Upper
149 100
167 6.9 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

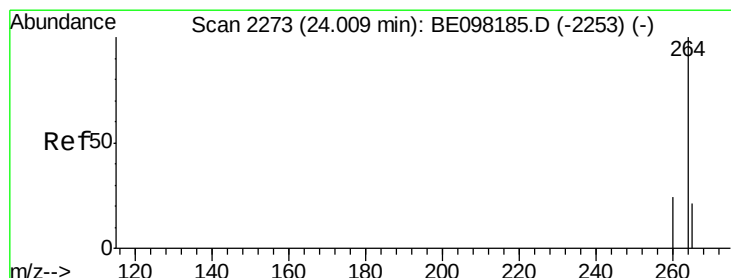
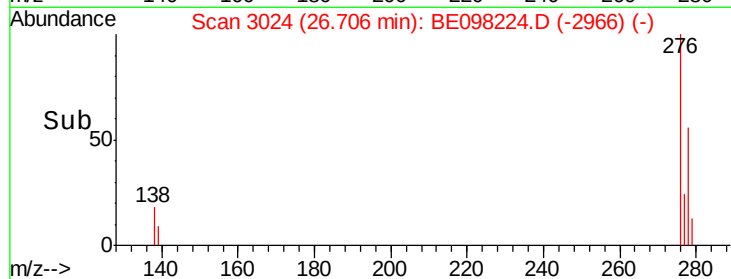
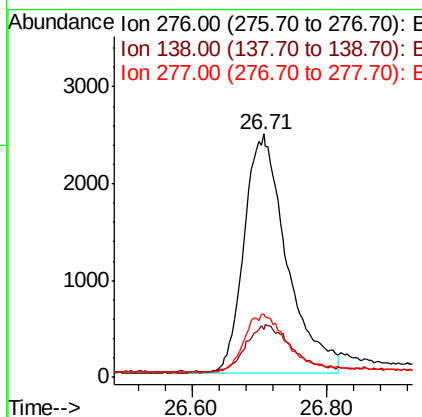
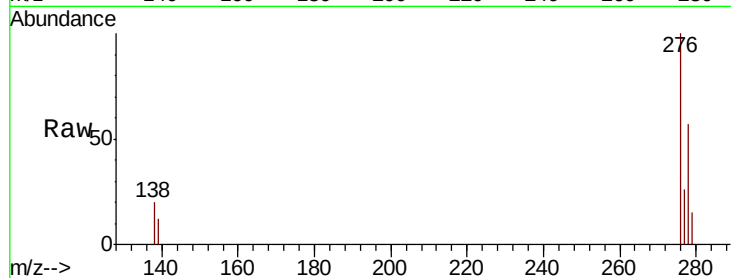




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.409 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. 0.01 min
 Lab File: BE098224.D
 Acq: 14 Nov 2018 14:21

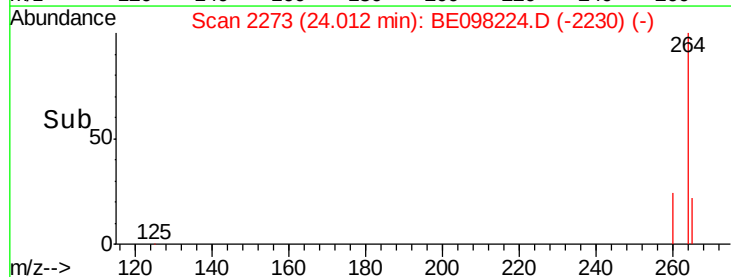
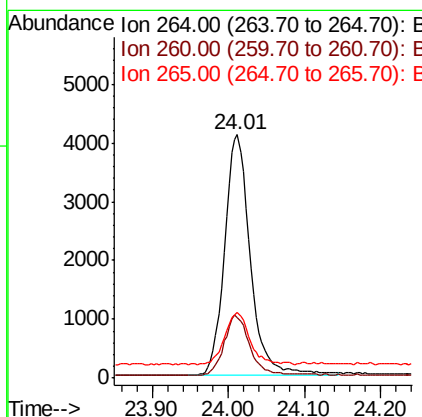
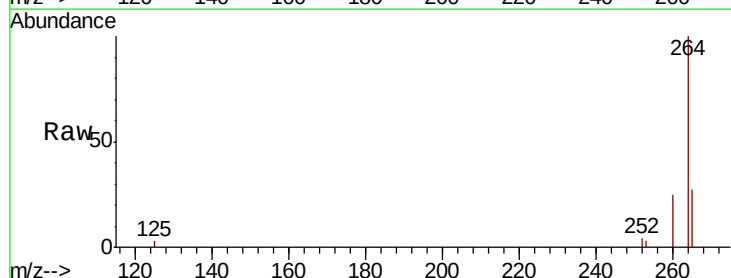
Instrument :
 BNA_E
 ClientSampleId :

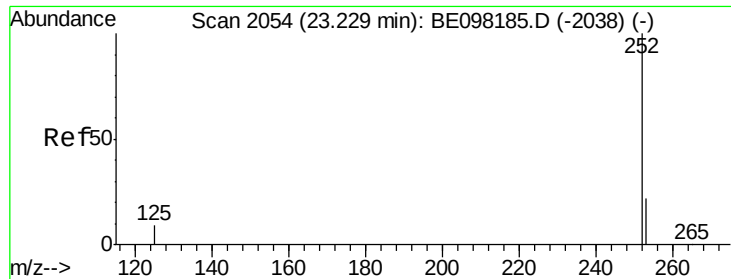
Tot Ion:276 Resp: 10794
 Ion Ratio Lower Upper
 276 100
 138 21.5 6.4 9.6#
 277 25.3 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BE098224.D
 Acq: 14 Nov 2018 14:21

Tgt Ion:264 Resp: 9589
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 27.2 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.405 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

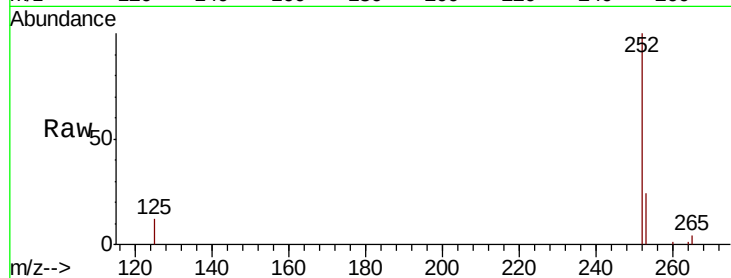
Tot Ion:252 Resp: 11009

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.0

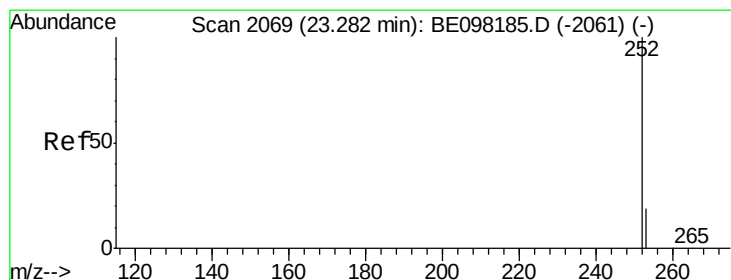
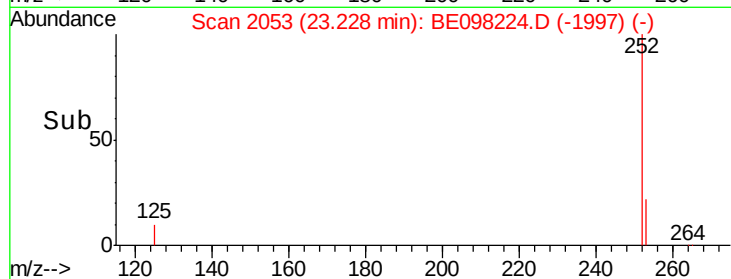
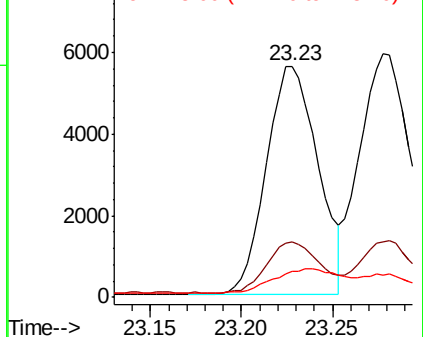
125 11.5 8.6 12.8



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: 0.426 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

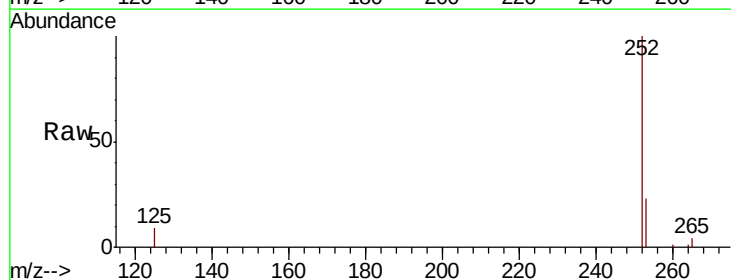
Tgt Ion:252 Resp: 12218

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

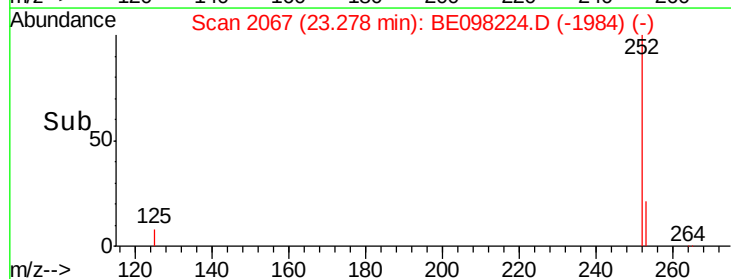
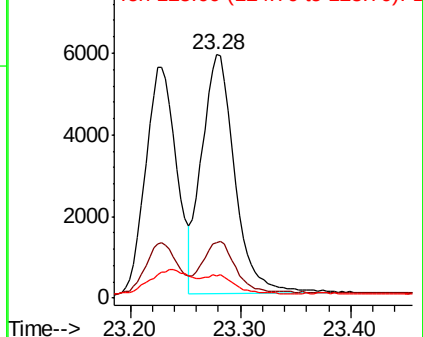
125 9.4 7.4 11.0

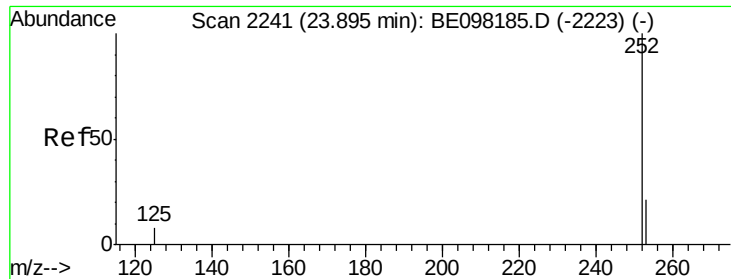


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

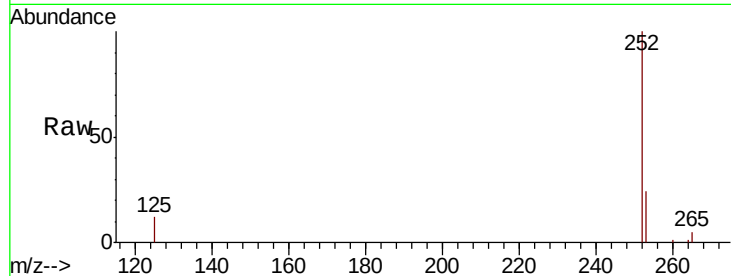




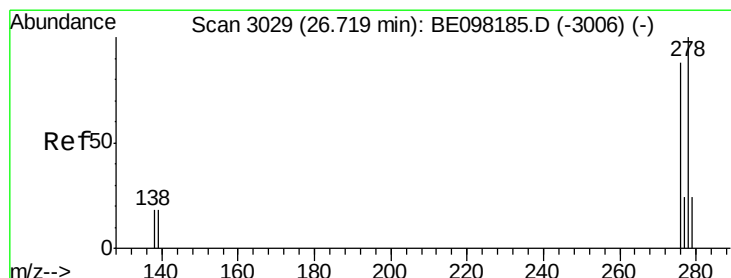
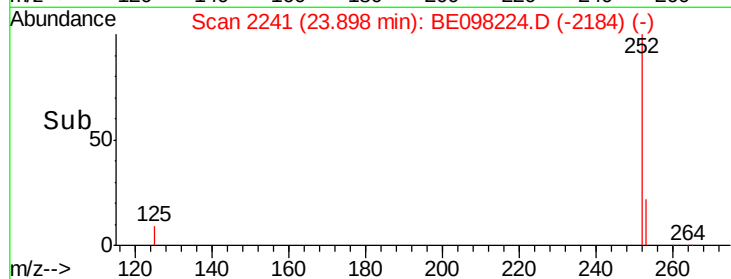
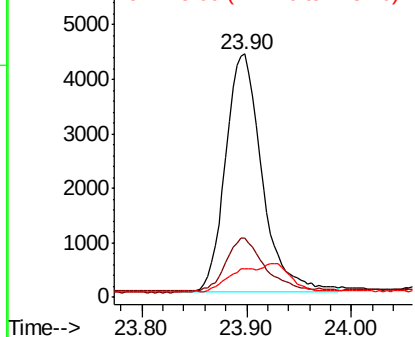
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 10600
Ion Ratio Lower Upper
252 100
253 24.2 18.6 27.8
125 11.6 8.0 12.0

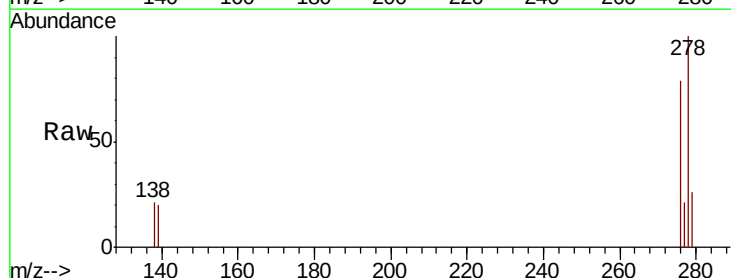


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

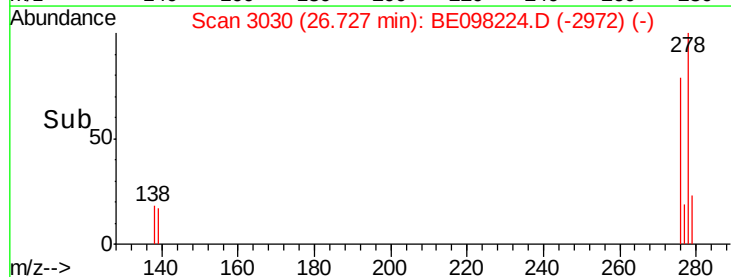
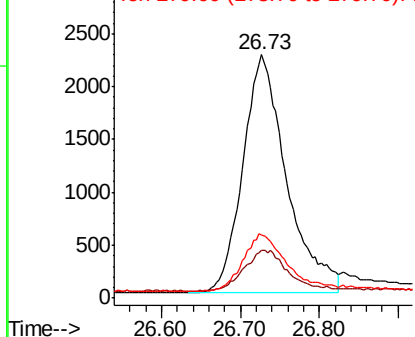


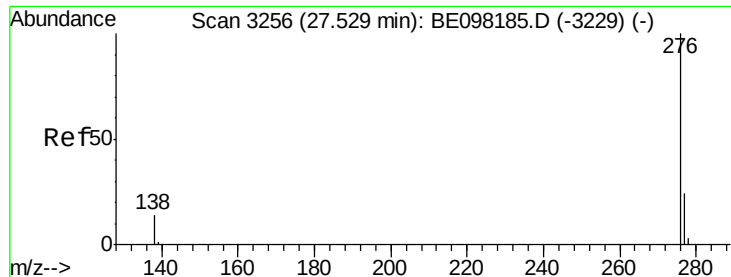
#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098224.D
Acq: 14 Nov 2018 14:21

Tgt Ion:278 Resp: 8654
Ion Ratio Lower Upper
278 100
139 19.7 16.4 24.6
279 26.0 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: 0.403 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098224.D

Acq: 14 Nov 2018 14:21

Instrument :

BNA_E

ClientSampleId :

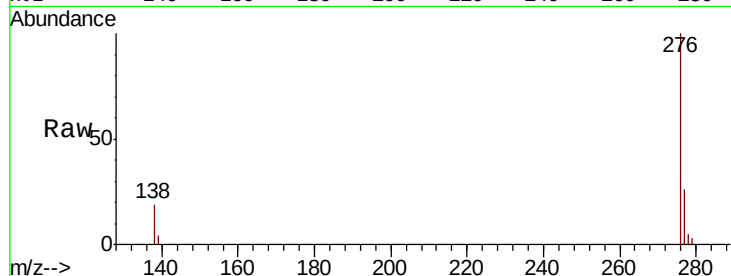
Tot Ion: 276 Resp: 9361

Ion Ratio Lower Upper

276 100

277 26.0 20.4 30.6

138 18.8 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

