

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098235.D
 Acq On : 16 Nov 2018 18:31
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 19:01:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 17:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1396	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6635	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4129	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9425	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10828	0.40	ng	0.00
34) Perylene-d12	24.02	264	9860	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	11923	3.03	ng	-0.01
5) Phenol-d6	7.03	99	19784	3.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	21064	3.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	36263	3.11	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	5853	3.25	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	54231	3.14	ng	0.00
25) Fluoranthene-d10	19.31	212	381707	3.24	ng	0.00
29) Terphenyl-d14	19.91	244	76281	3.10	ng	0.00

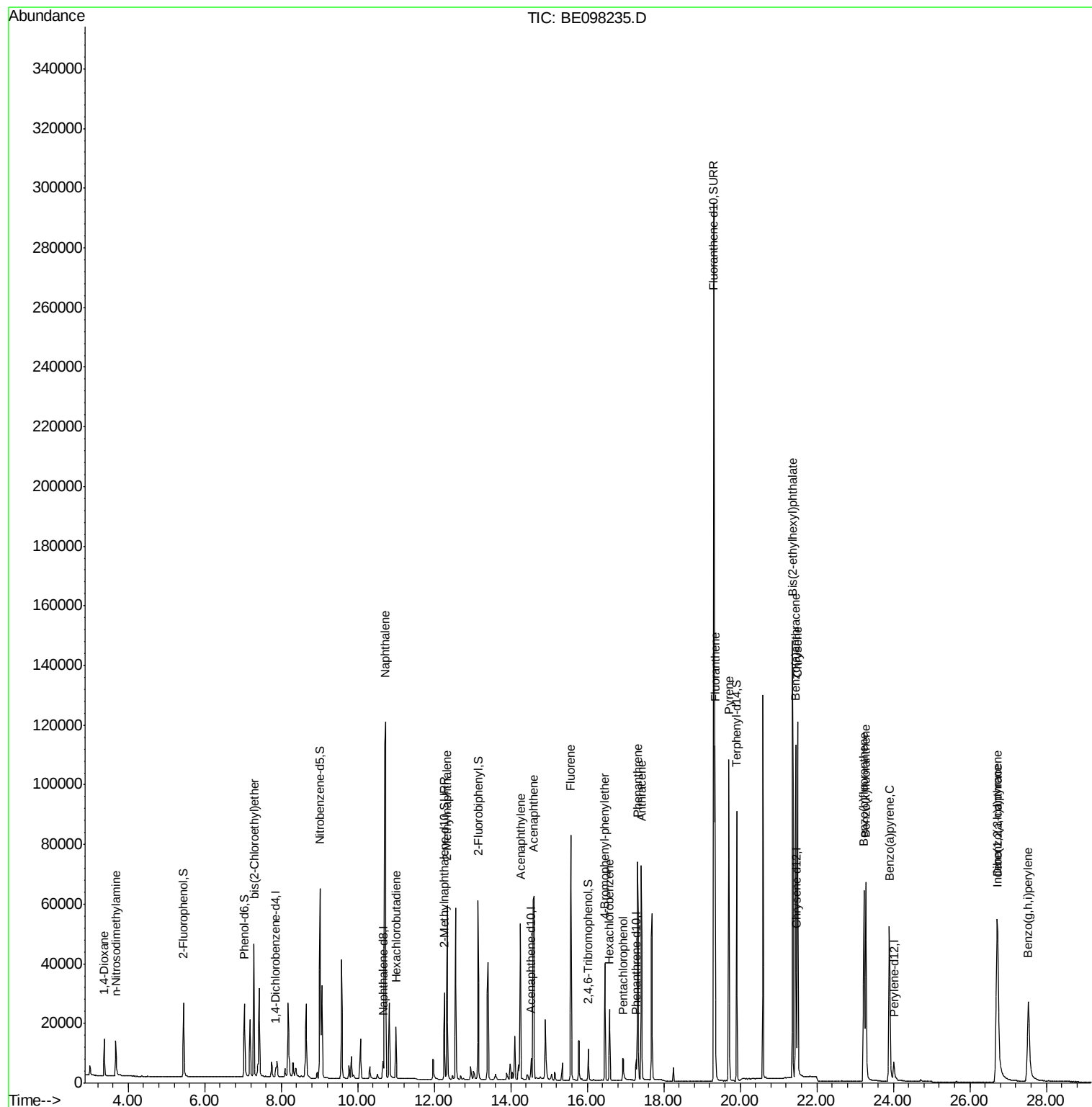
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	6493	2.862	ng	94
3) n-Nitrosodimethylamine	3.68	42	8870	3.238	ng	# 88
6) bis(2-Chloroethyl)ether	7.29	93	15851	3.103	ng	99
9) Naphthalene	10.72	128	213001	3.157	ng	99
10) Hexachlorobutadiene	11.00	225	12283	2.928	ng	99
12) 2-Methylnaphthalene	12.34	142	37947	3.242	ng	93
16) Acenaphthylene	14.26	152	65162	3.443	ng	99
17) Acenaphthene	14.60	154	37987	3.286	ng	99
18) Fluorene	15.57	166	49022	3.312	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	19106	3.327	ng	92
21) Hexachlorobenzene	16.58	284	18892	3.163	ng	97
22) Pentachlorophenol	16.94	266	5135	4.946	ng	89
23) Phenanthrene	17.31	178	78397	3.339	ng	99
24) Anthracene	17.41	178	74864	3.423	ng	99
26) Fluoranthene	19.34	202	96607	3.324	ng	99
28) Pyrene	19.70	202	98979	3.322	ng	99
30) Benzo(a)anthracene	21.45	228	101984	3.315	ng	99
31) Chrysene	21.50	228	103045	3.298	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	178796	2.798	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	98039	3.422	ng	# 89
35) Benzo(b)fluoranthene	23.23	252	92277	3.299	ng	# 95
36) Benzo(k)fluoranthene	23.28	252	103600	3.510	ng	97
37) Benzo(a)pyrene	23.90	252	90926	3.389	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	81382	3.561	ng	# 89
39) Benzo(g,h,i)perylene	27.53	276	81316	3.409	ng	97

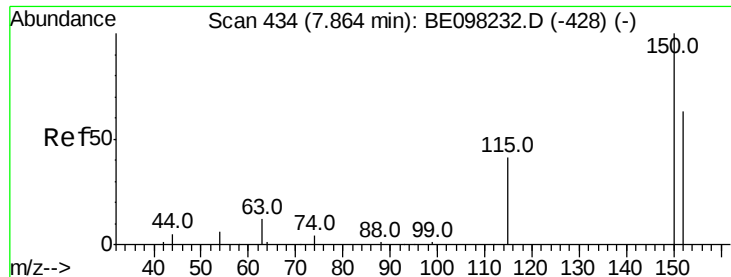
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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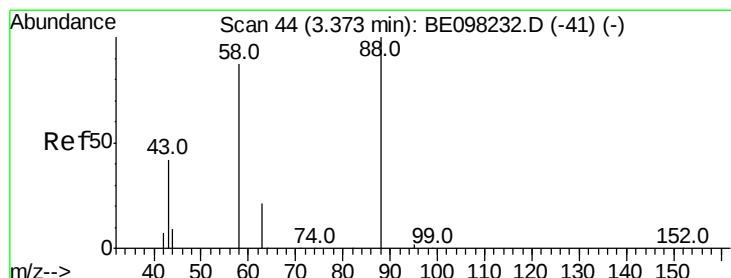
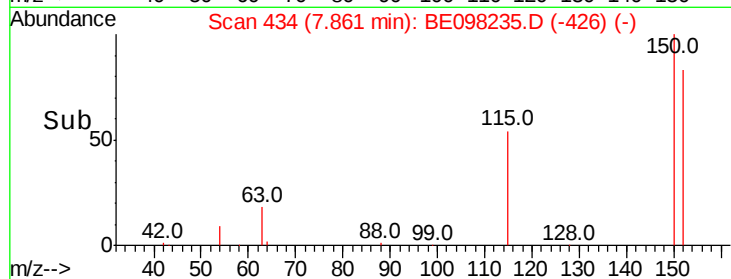
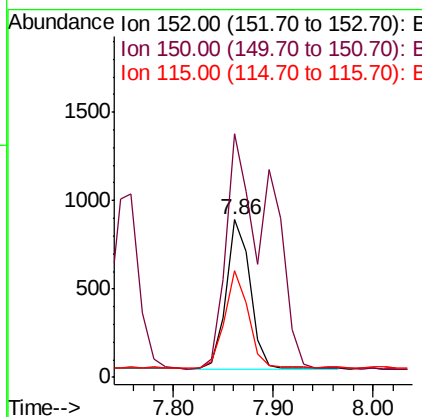
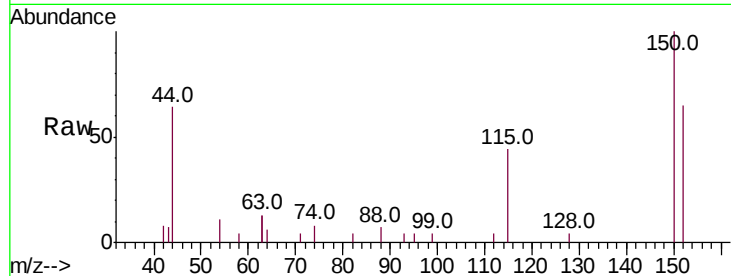




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

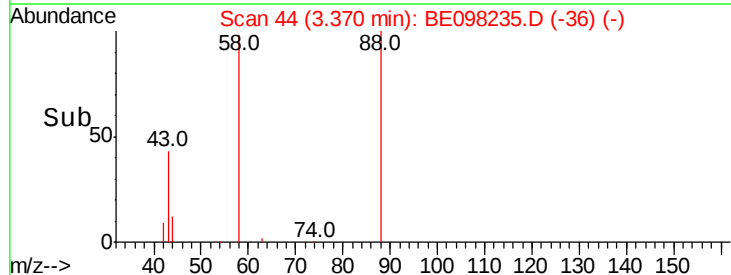
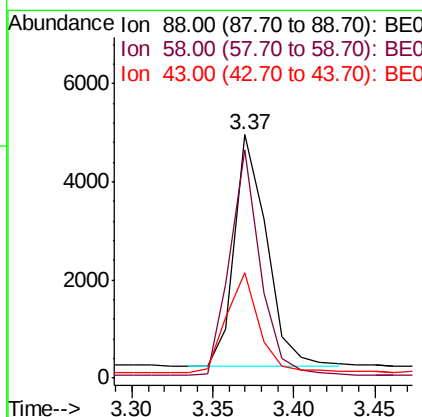
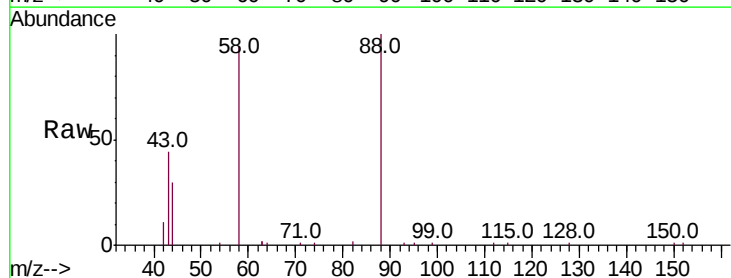
Instrument :
 BNA_E
 ClientSampleId :

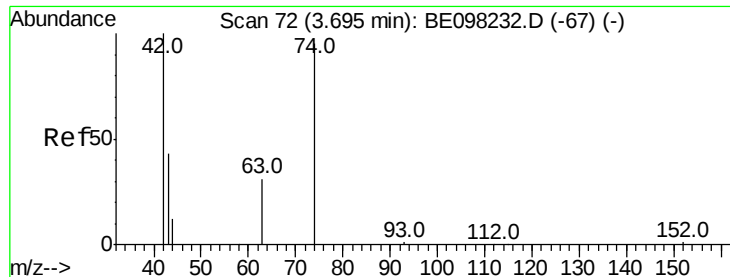
Tot Ion:152 Resp: 1396
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.5 191.3
 115 67.6 60.3 90.5



#2
 1,4-Dioxane
 Concen: 2.862 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

Tgt Ion: 88 Resp: 6493
 Ion Ratio Lower Upper
 88 100
 58 93.5 79.0 118.4
 43 43.5 38.1 57.1



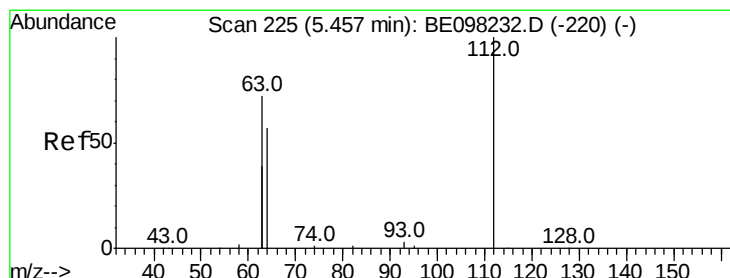
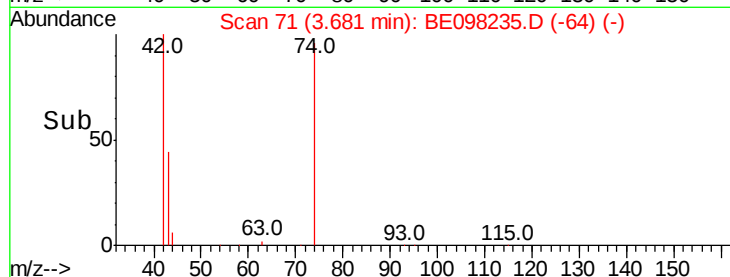
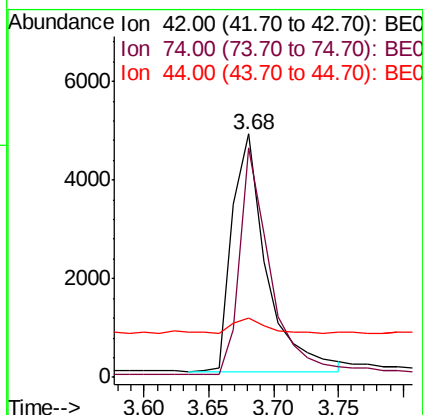
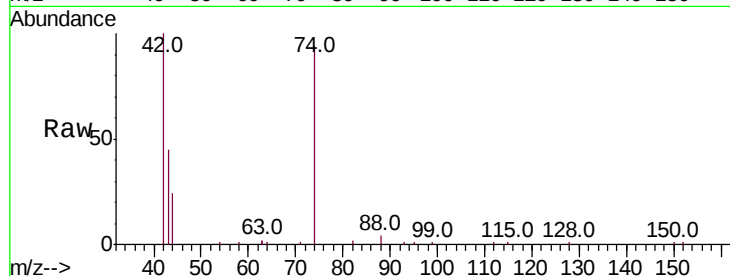


#3

n-Nitrosodimethylamine
 Concen: 3.238 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

Instrument :
 BNA_E
 ClientSampleId :

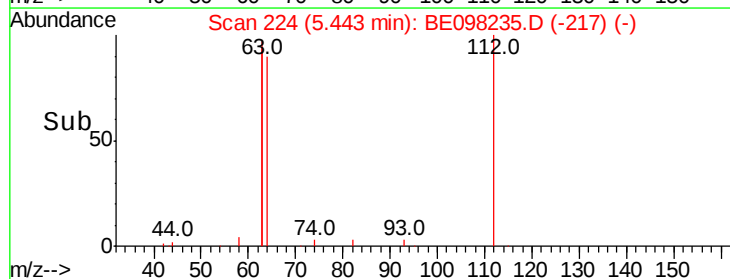
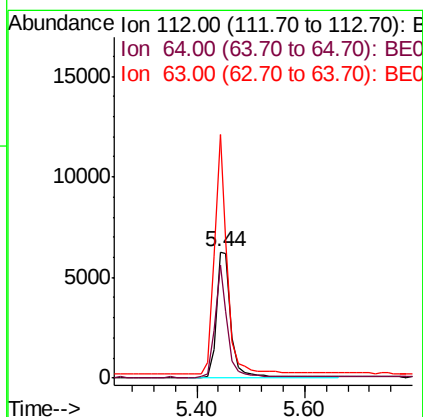
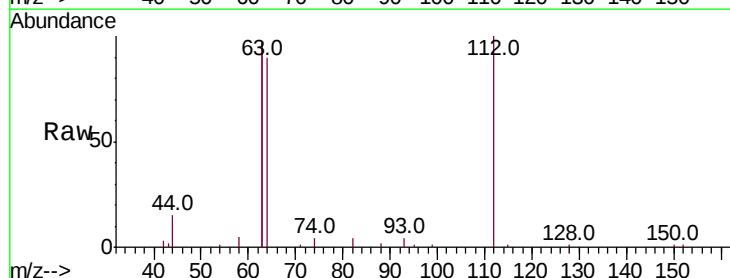
Tot Ion: 42 Resp: 8870
 Ion Ratio Lower Upper
 42 100
 74 84.9 61.7 92.5
 44 5.9 14.0 21.0#

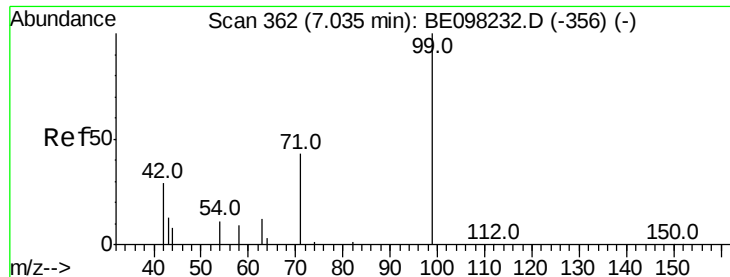


#4

2-Fluorophenol
 Concen: 3.025 ng
 RT: 5.44 min Scan# 224
 Delta R.T. -0.01 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

Tgt Ion: 112 Resp: 11923
 Ion Ratio Lower Upper
 112 100
 64 76.2 61.7 92.5
 63 164.6 136.2 204.2





#5

Phenol-d6

Concen: 3.125 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

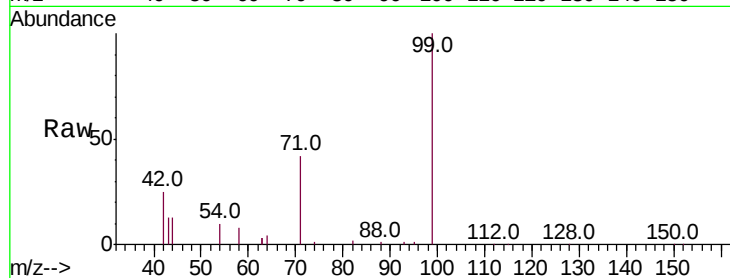
Tot Ion: 99 Resp: 19784

Ion Ratio Lower Upper

99 100

42 28.8 27.1 40.7

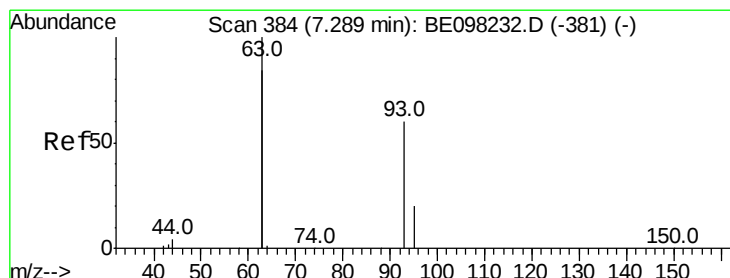
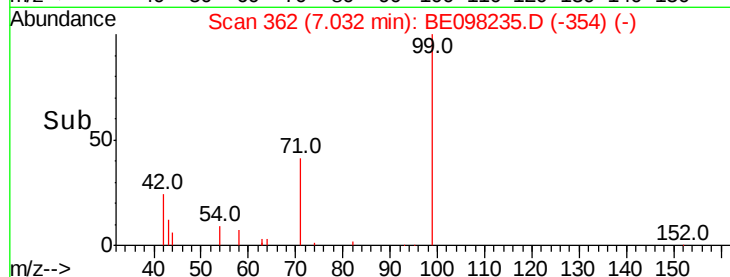
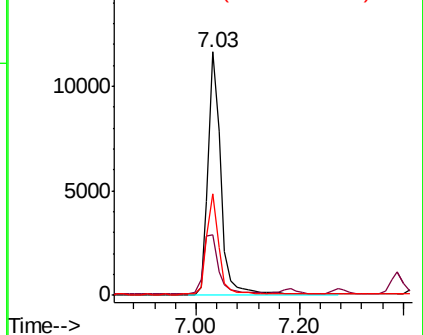
71 40.1 37.0 55.6



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



#6

bis(2-Chloroethyl)ether

Concen: 3.103 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

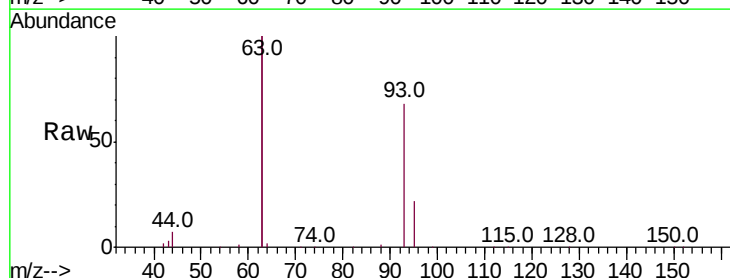
Tgt Ion: 93 Resp: 15851

Ion Ratio Lower Upper

93 100

63 343.5 272.6 409.0

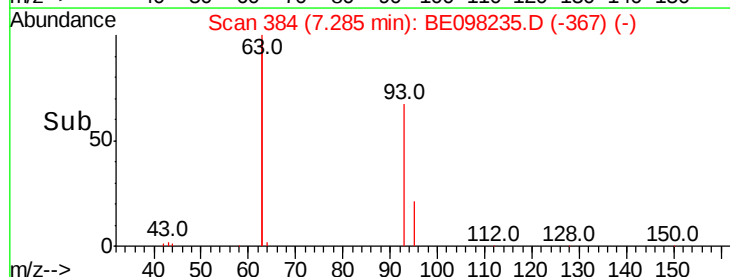
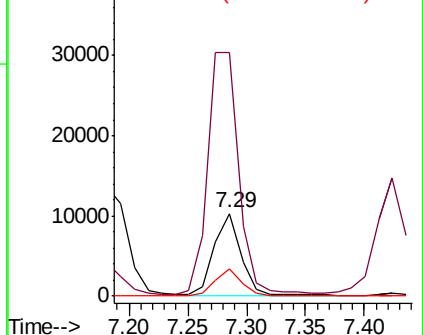
95 31.9 27.1 40.7

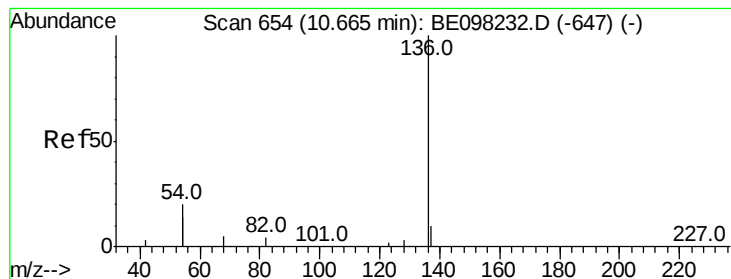


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6635

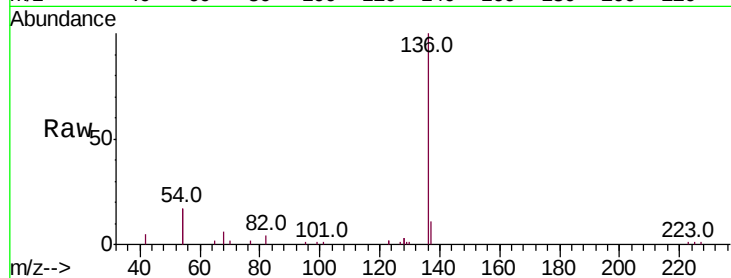
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 33.7 31.3 46.9

68 5.9 4.8 7.2

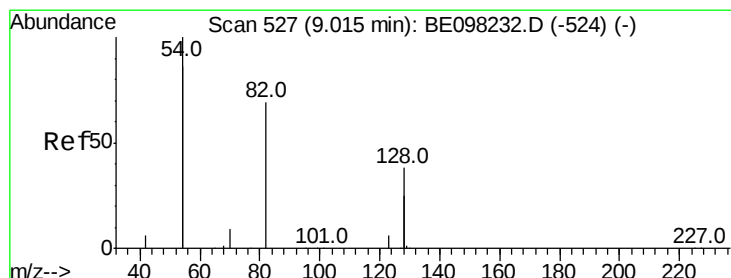
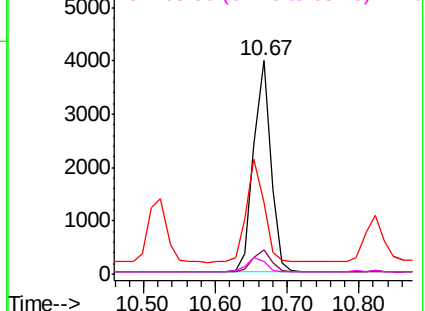
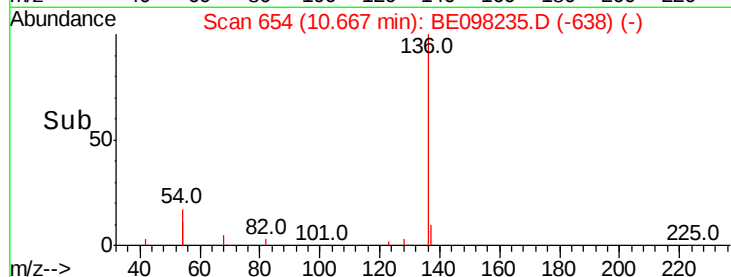


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.181 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

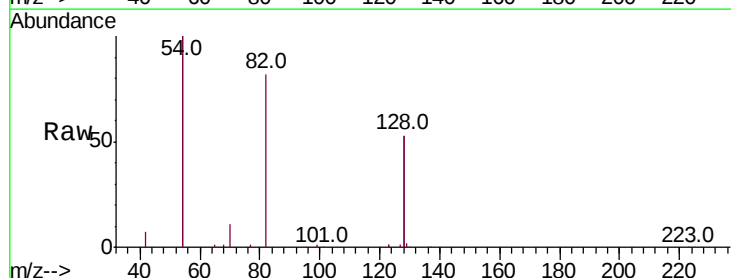
Tgt Ion: 82 Resp: 21064

Ion Ratio Lower Upper

82 100

128 128.8 96.1 144.1

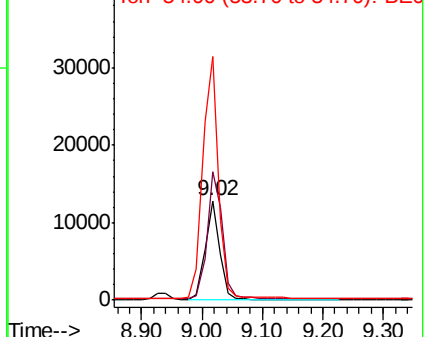
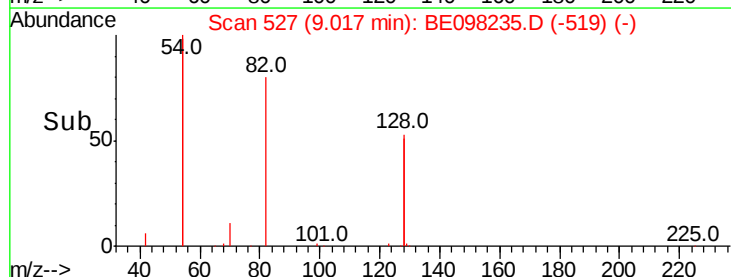
54 245.2 232.0 348.0

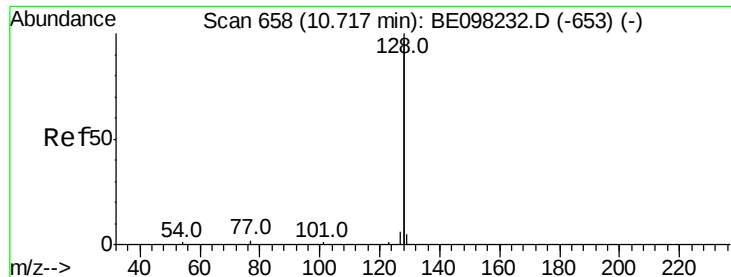


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.157 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampled :

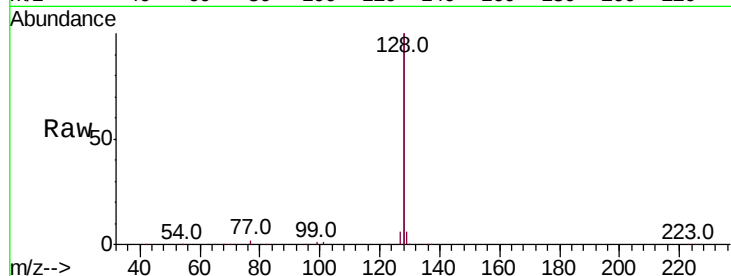
Tot Ion:128 Resp: 213001

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

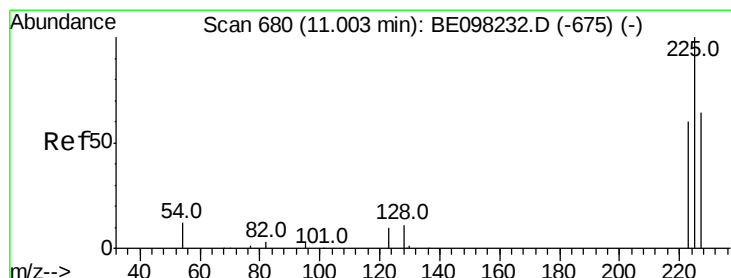
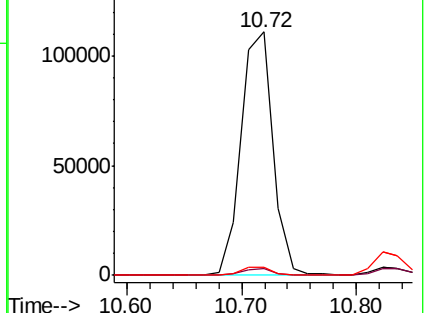
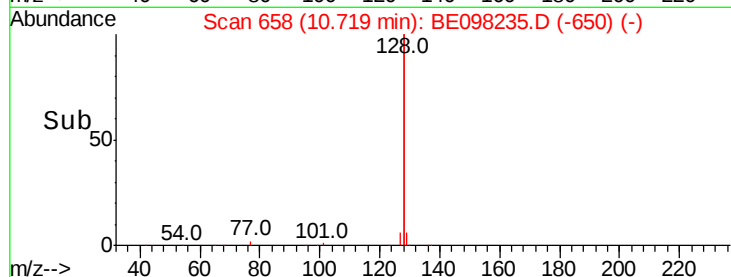
127 3.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

150000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 2.928 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

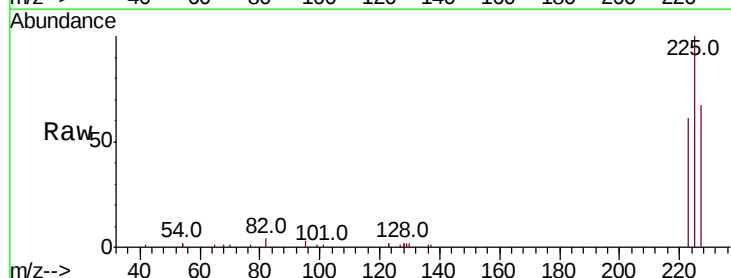
Tgt Ion:225 Resp: 12283

Ion Ratio Lower Upper

225 100

223 62.3 50.5 75.7

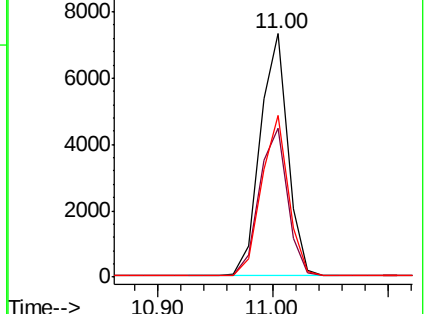
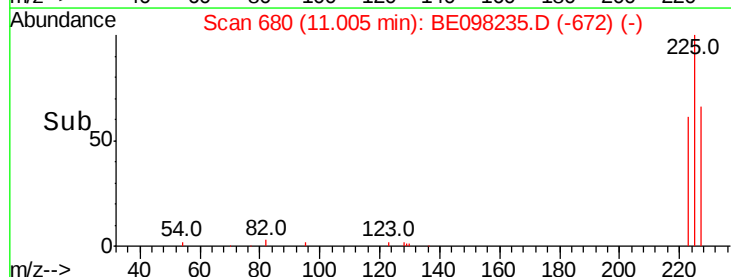
227 64.1 50.3 75.5

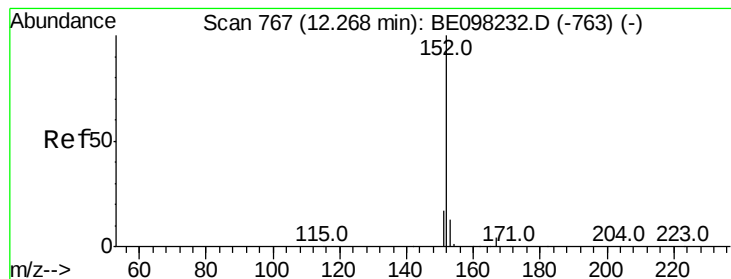


Abundance Ion 225.00 (224.70 to 225.70): E

10000 Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.115 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

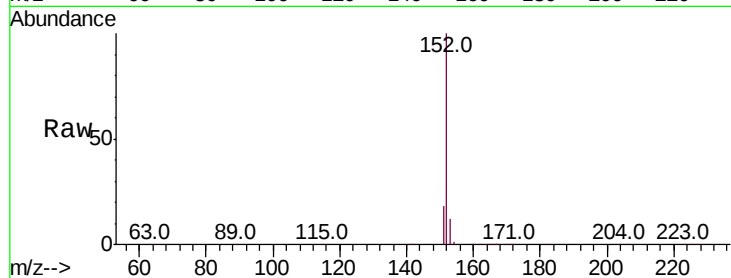
ClientSampleId :

Tot Ion:152 Resp: 36263

Ion Ratio Lower Upper

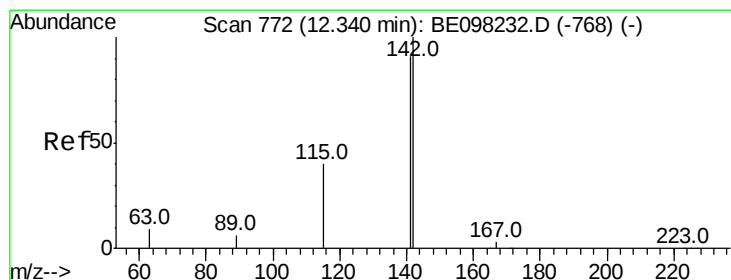
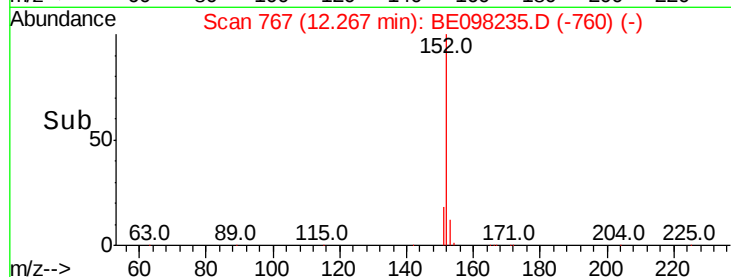
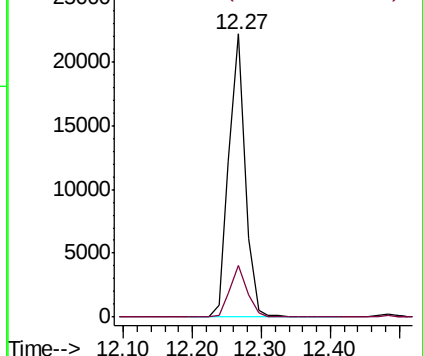
152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.242 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

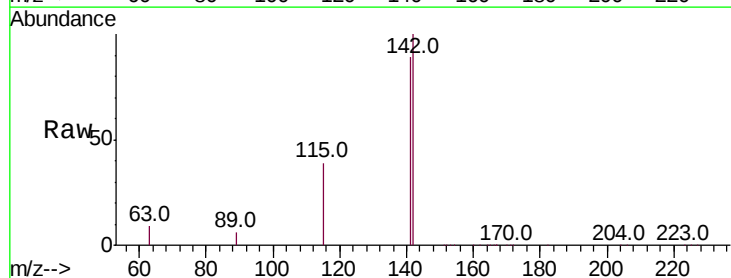
Tgt Ion:142 Resp: 37947

Ion Ratio Lower Upper

142 100

141 88.8 76.3 114.5

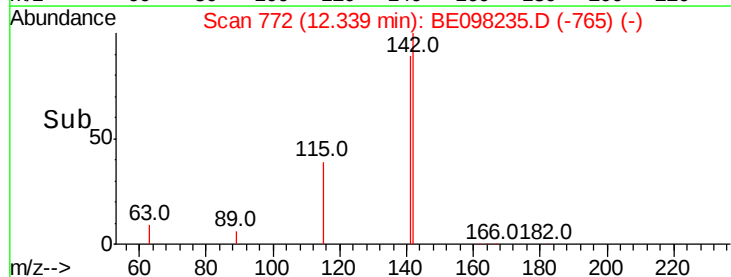
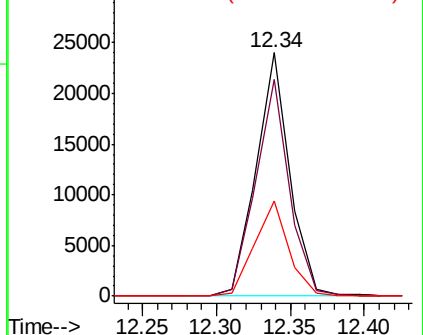
115 39.3 35.8 53.8

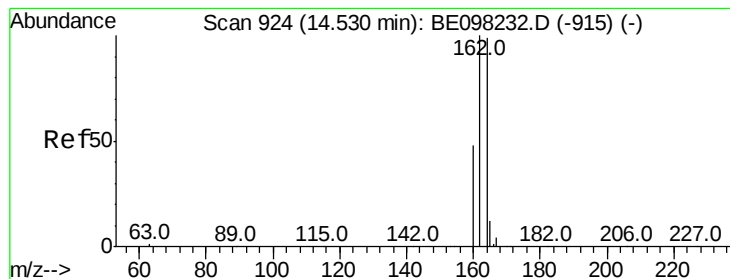


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

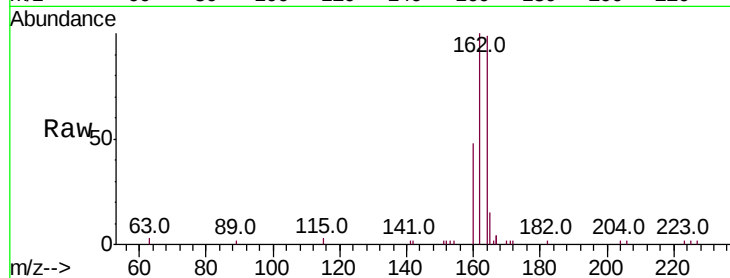
Tot Ion:164 Resp: 4129

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

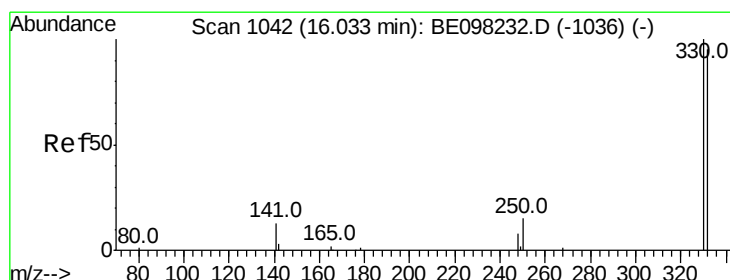
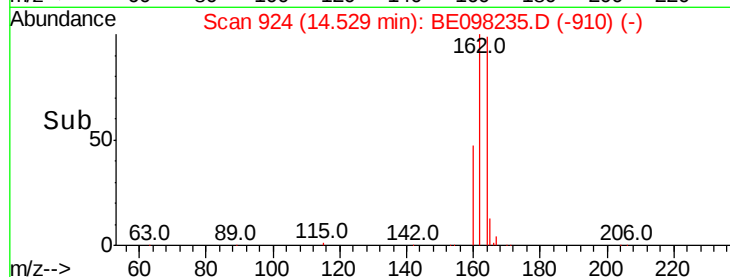
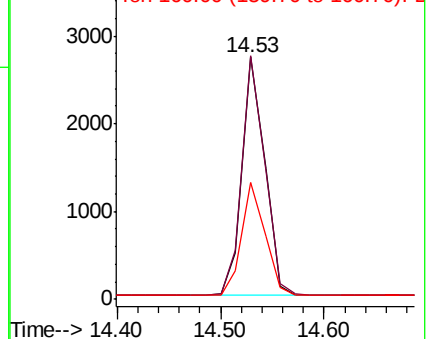
160 48.2 39.4 59.0



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: 3.251 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

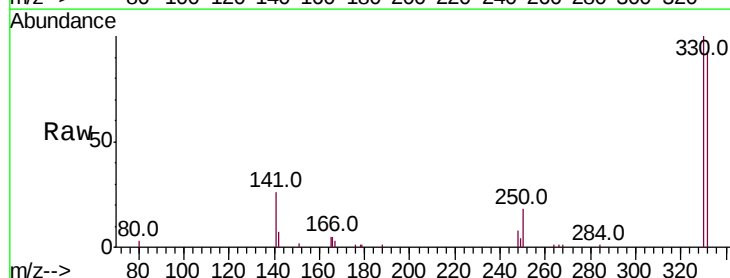
Tgt Ion:330 Resp: 5853

Ion Ratio Lower Upper

330 100

332 94.6 77.7 116.5

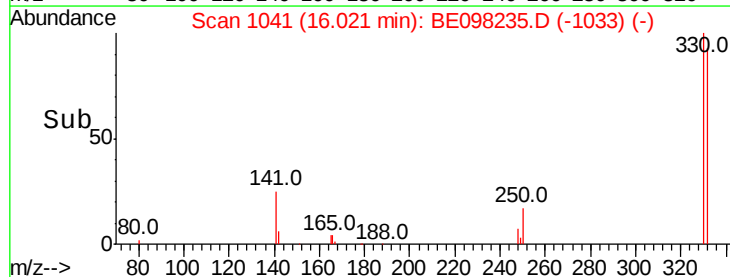
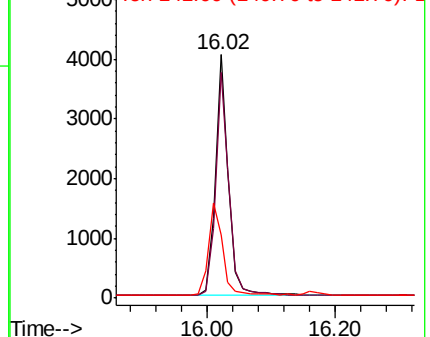
141 39.8 33.6 50.4

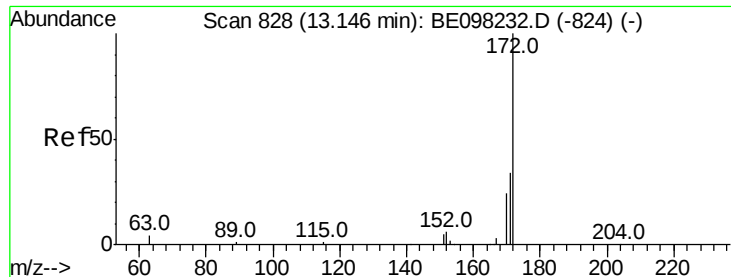


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

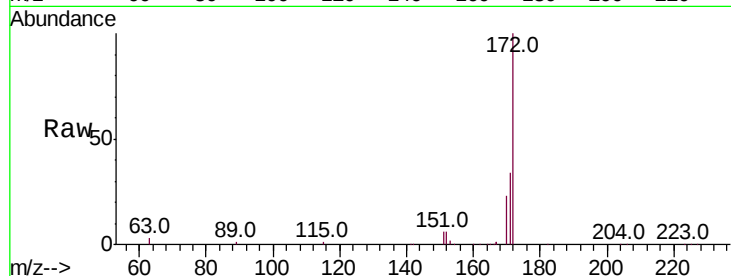




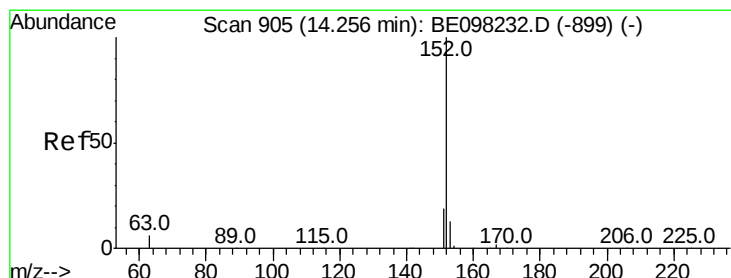
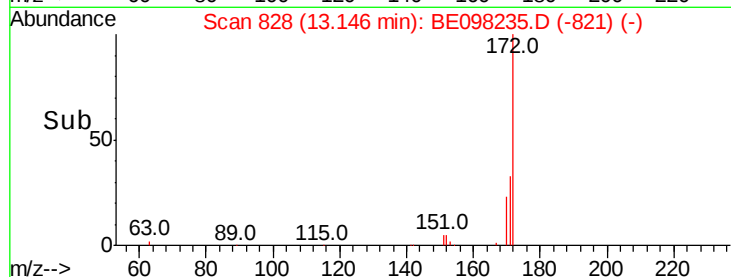
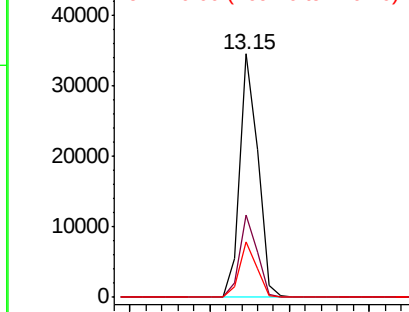
#15
2-Fluorobiphenyl
Concen: 3.136 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098235.D
Acq: 16 Nov 2018 18:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 54231
Ion Ratio Lower Upper
172 100
171 33.6 27.3 40.9
170 22.9 19.4 29.0

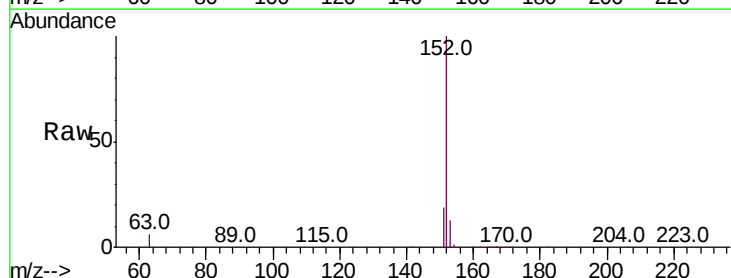


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

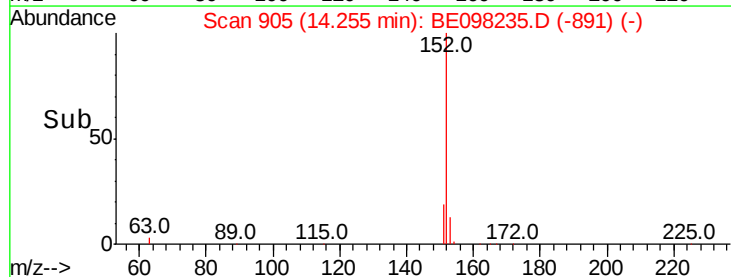
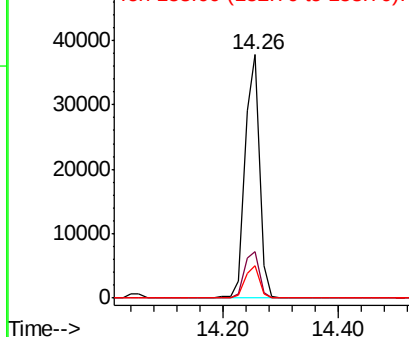


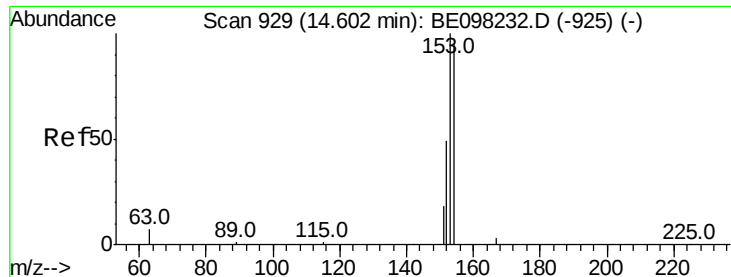
#16
Acenaphthylene
Concen: 3.443 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098235.D
Acq: 16 Nov 2018 18:31

Tgt Ion:152 Resp: 65162
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.9 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

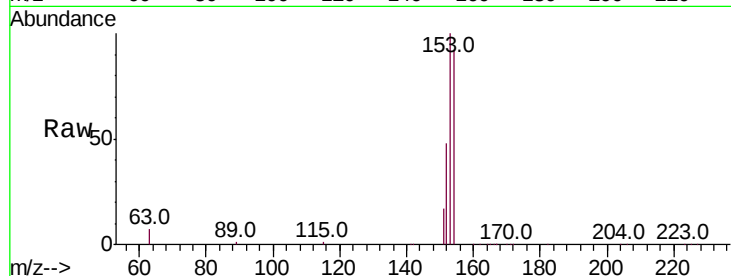




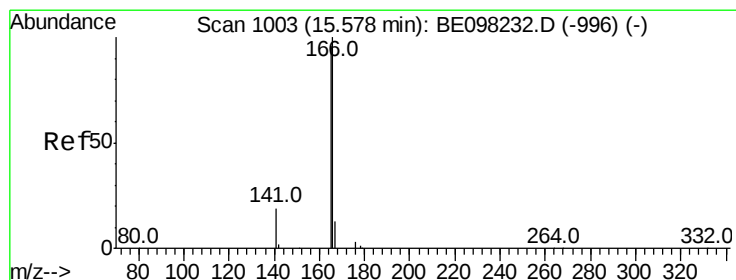
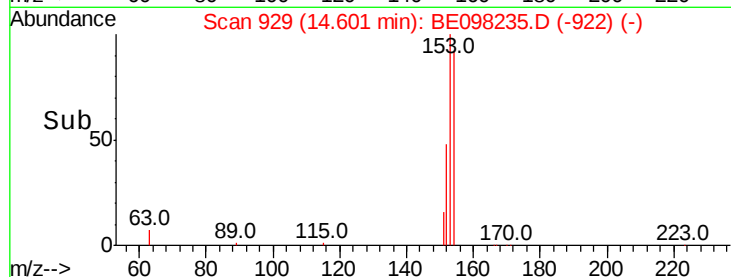
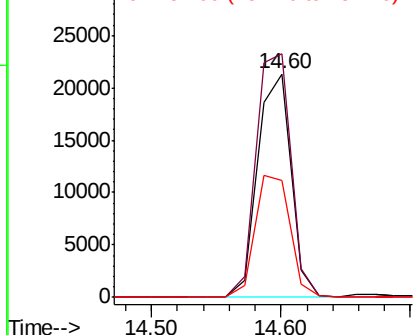
#17
Acenaphthene
Concen: 3.286 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098235.D
Acq: 16 Nov 2018 18:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 37987
Ion Ratio Lower Upper
154 100
153 114.5 92.1 138.1
152 57.3 46.2 69.2

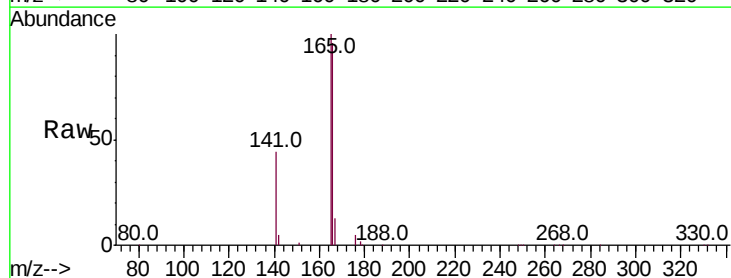


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

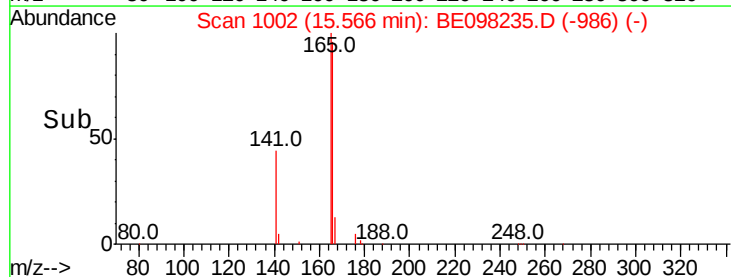
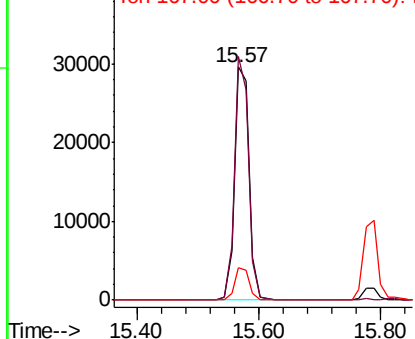


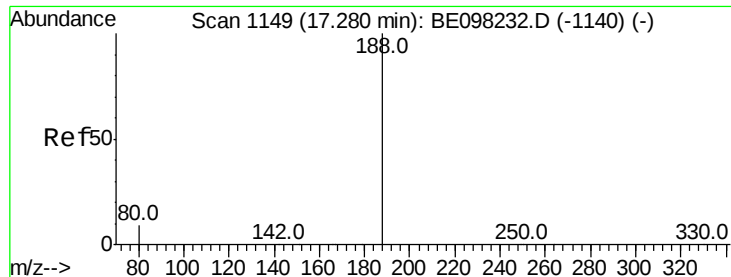
#18
Fluorene
Concen: 3.312 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098235.D
Acq: 16 Nov 2018 18:31

Tgt Ion:166 Resp: 49022
Ion Ratio Lower Upper
166 100
165 100.1 80.1 120.1
167 13.6 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: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

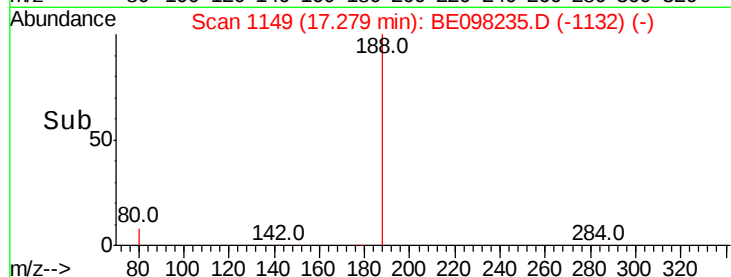
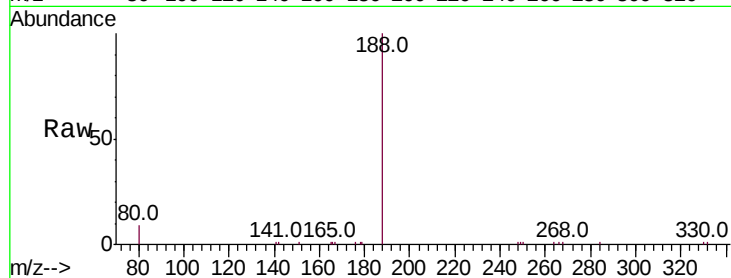
Tot Ion:188 Resp: 9425

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

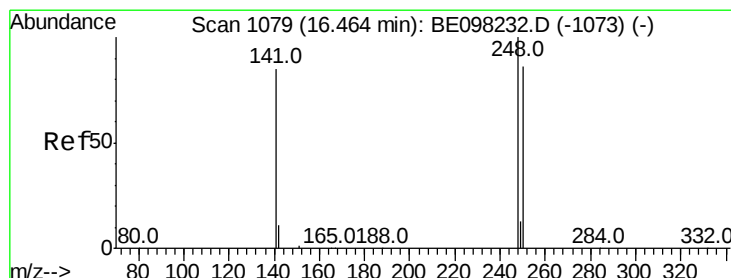
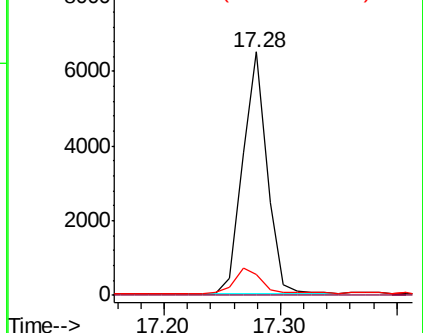
80 8.5 6.7 10.1



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: 3.327 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

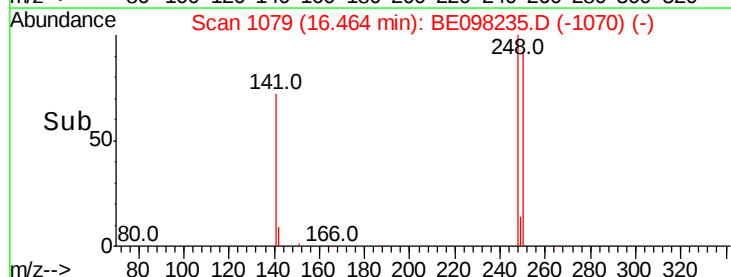
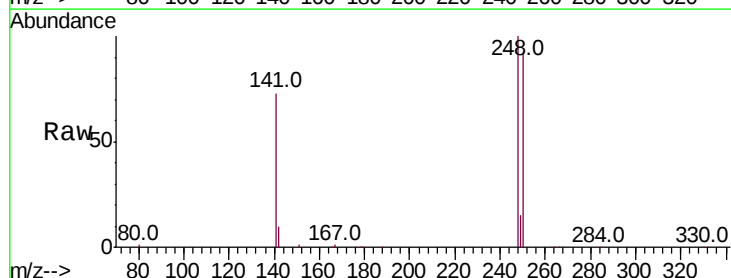
Tgt Ion:248 Resp: 19106

Ion Ratio Lower Upper

248 100

250 92.3 77.6 116.4

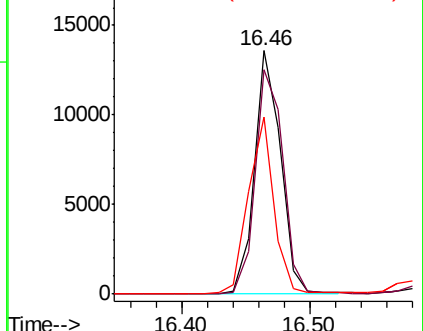
141 72.7 65.8 98.8

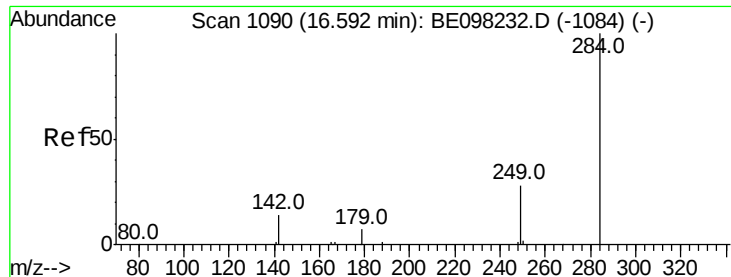


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.163 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampled :

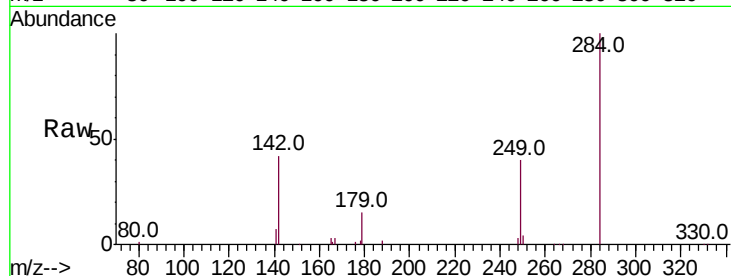
Tot Ion:284 Resp: 18892

Ion Ratio Lower Upper

284 100

142 34.9 26.5 39.7

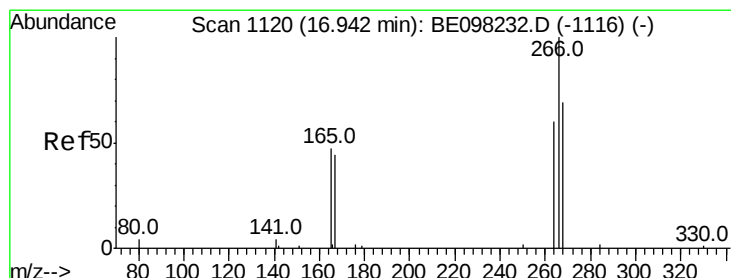
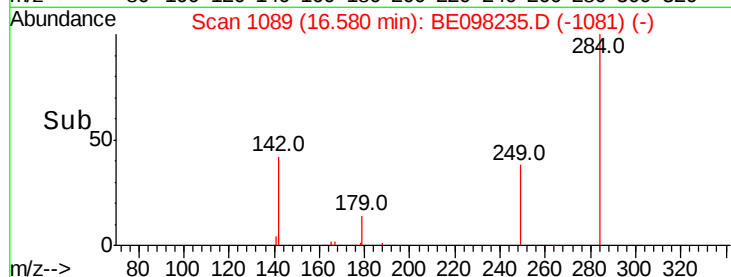
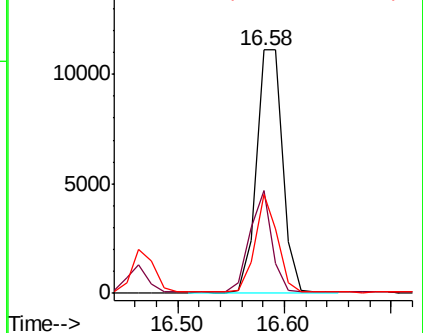
249 34.3 28.4 42.6



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: 4.946 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

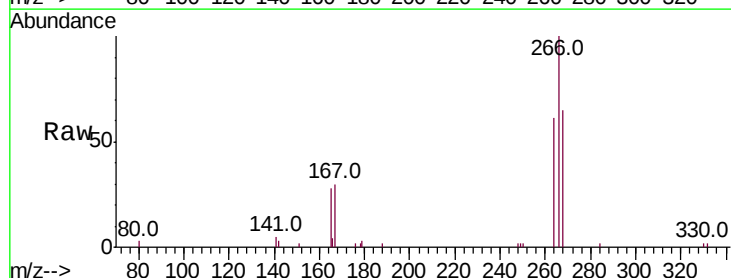
Tgt Ion:266 Resp: 5135

Ion Ratio Lower Upper

266 100

264 60.9 57.6 86.4

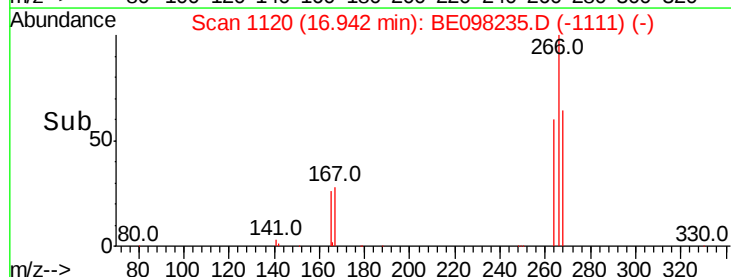
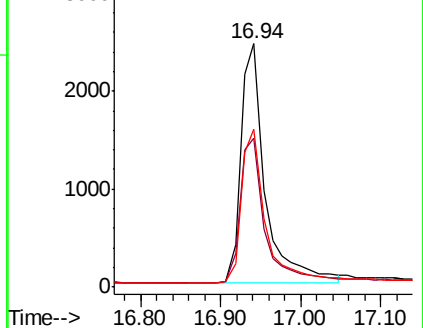
268 64.6 56.8 85.2

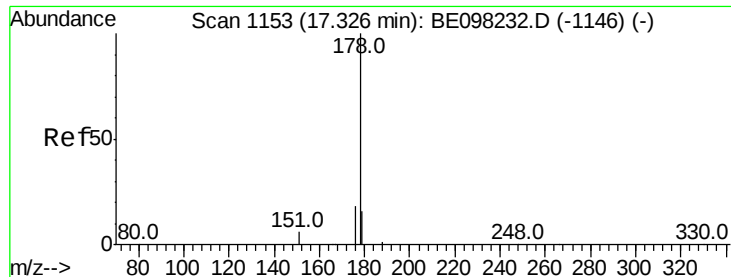


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.339 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

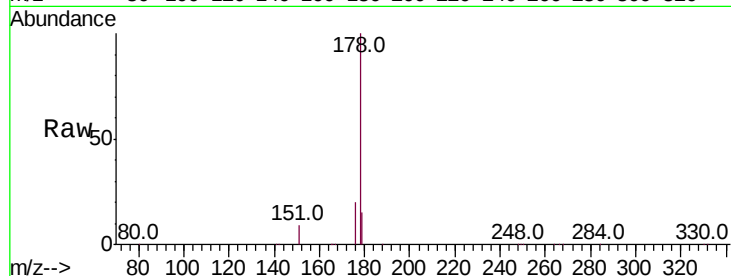
Tot Ion:178 Resp: 78397

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

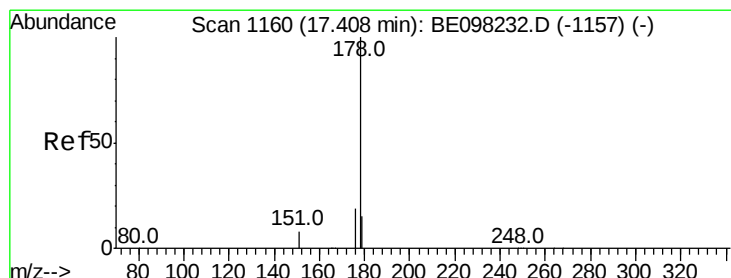
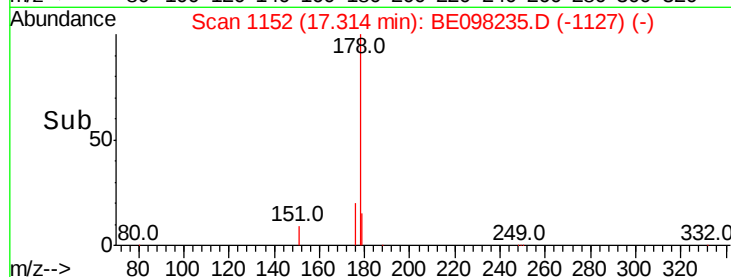
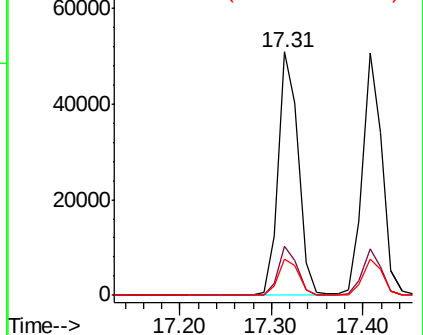
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.423 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

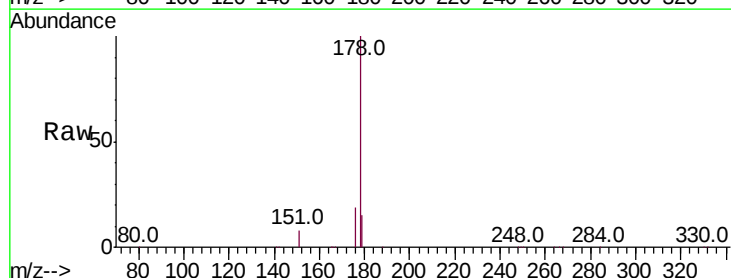
Tgt Ion:178 Resp: 74864

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

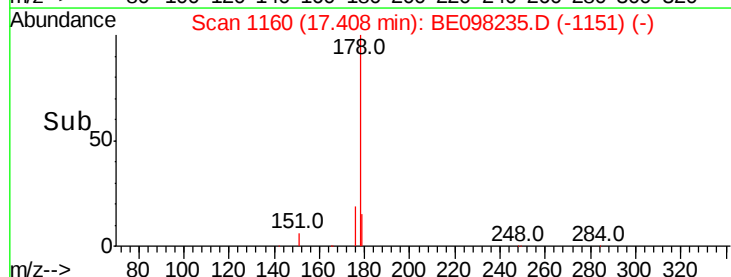
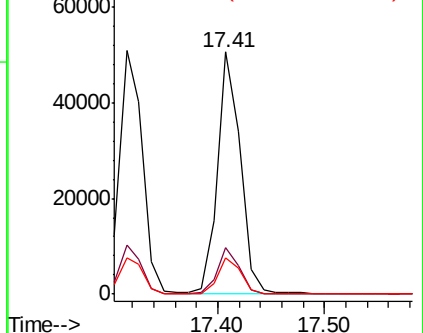
179 15.3 12.1 18.1

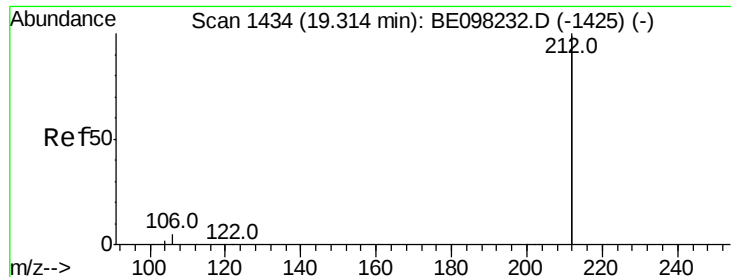


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.243 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

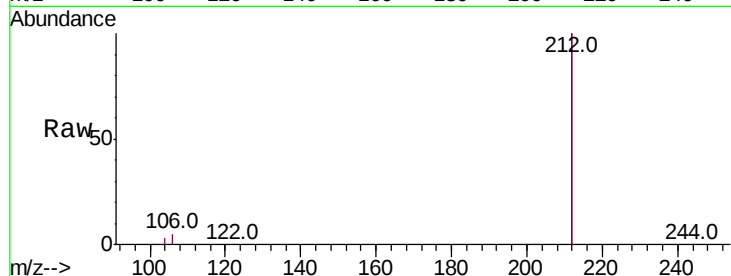
Tot Ion:212 Resp: 381707

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

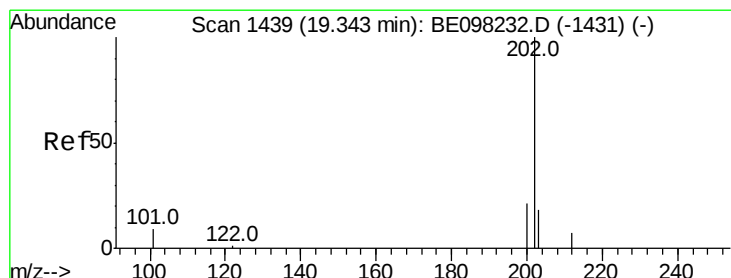
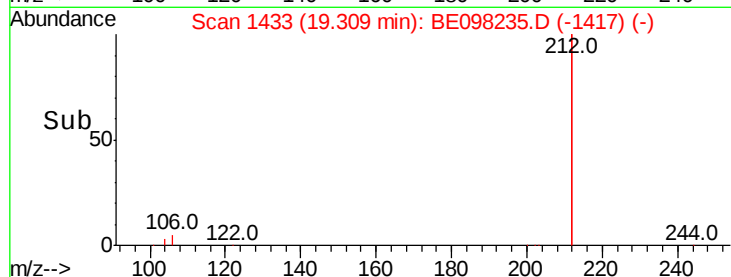
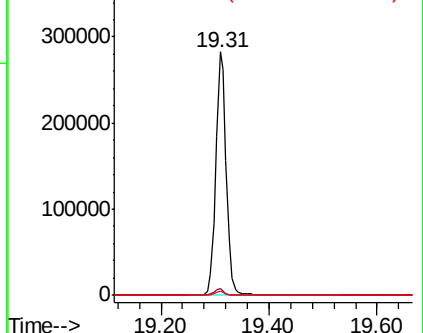
104 1.5 1.1 1.7



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: 3.324 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

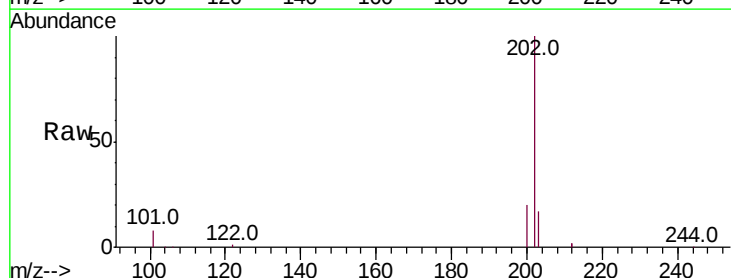
Tgt Ion:202 Resp: 96607

Ion Ratio Lower Upper

202 100

101 9.9 7.0 10.6

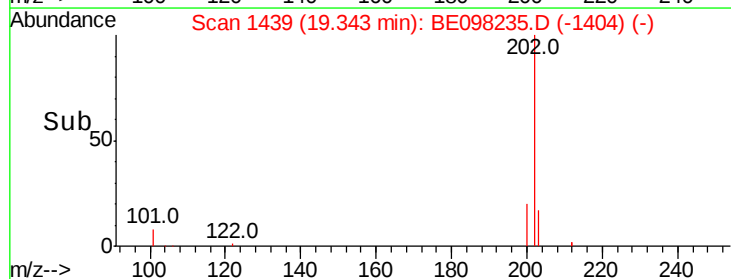
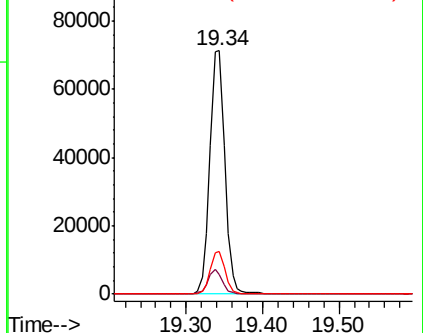
203 17.3 13.7 20.5

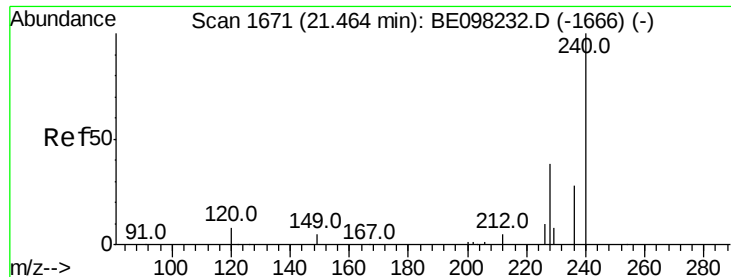


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

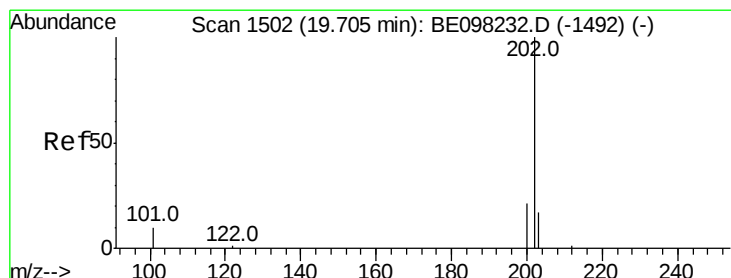
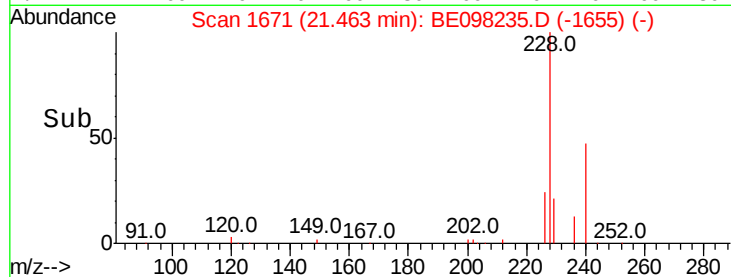
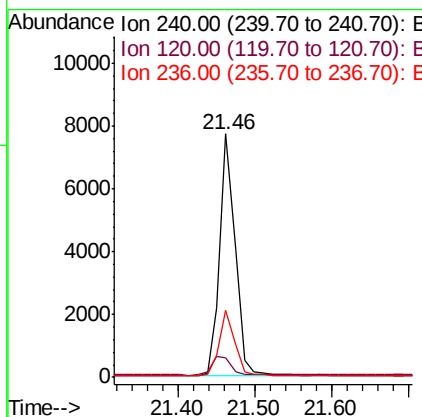
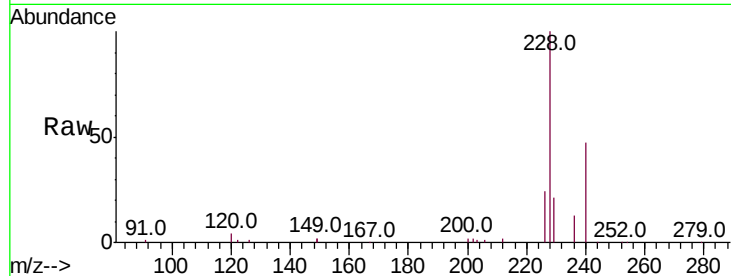




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

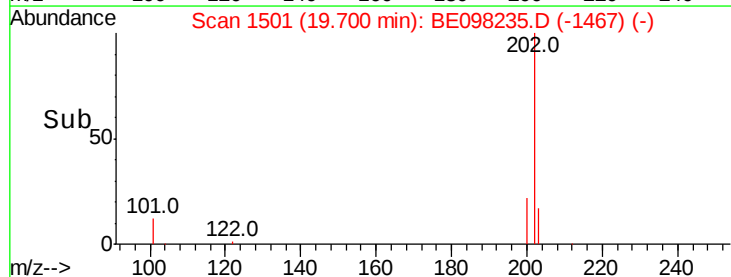
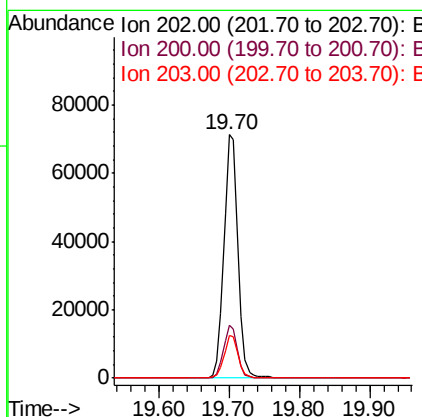
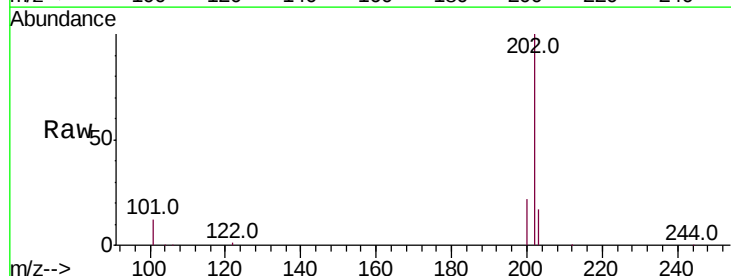
Instrument :
 BNA_E
 ClientSampled :

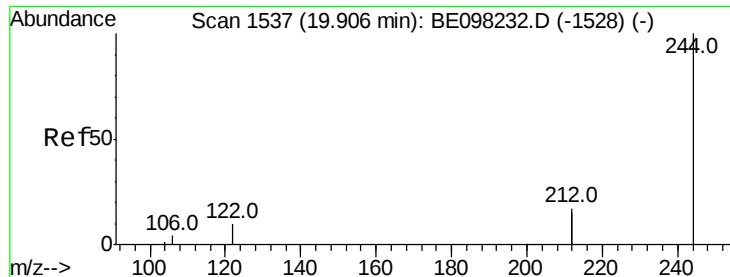
Tot Ion:240 Resp: 10828
 Ion Ratio Lower Upper
 240 100
 120 7.9 4.8 7.2#
 236 27.4 21.4 32.0



#28
 Pyrene
 Concen: 3.322 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

Tgt Ion:202 Resp: 98979
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.4 14.2 21.4





#29

Terphenyl-d14

Concen: 3.104 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

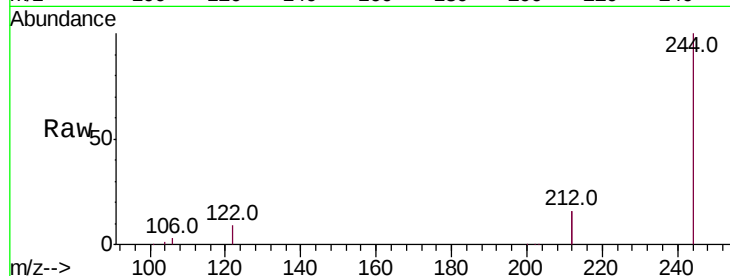
Tot Ion:244 Resp: 76281

Ion Ratio Lower Upper

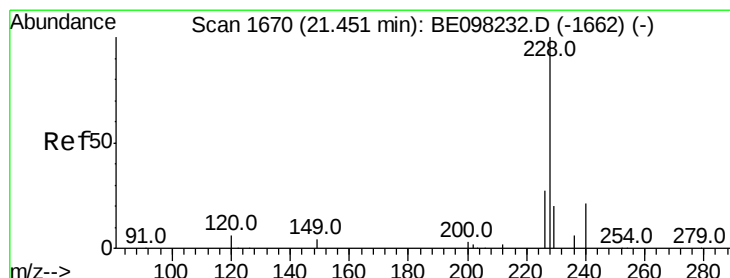
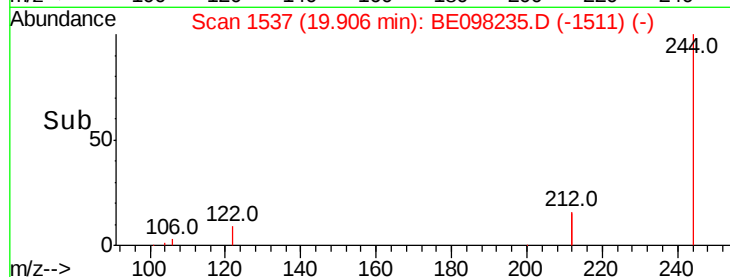
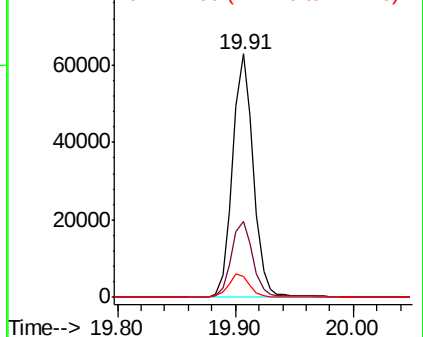
244 100

212 31.4 26.8 40.2

122 8.7 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: 3.315 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

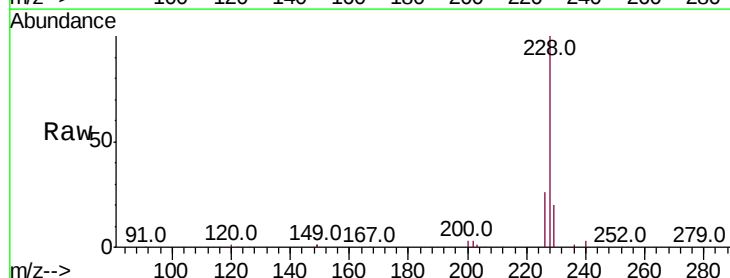
Tgt Ion:228 Resp: 101984

Ion Ratio Lower Upper

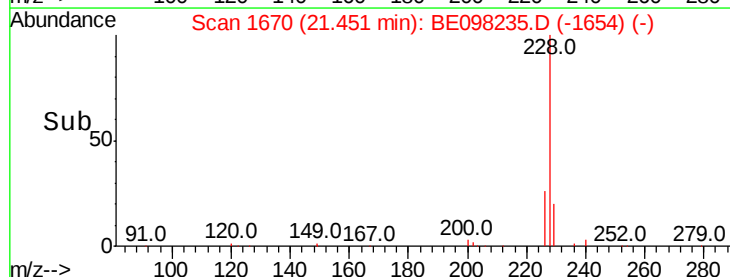
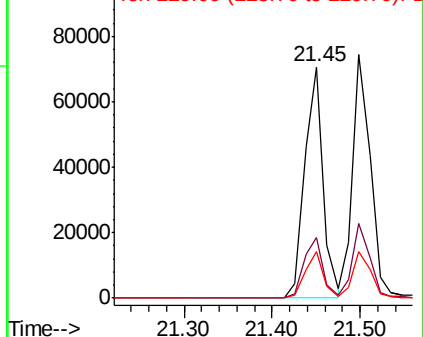
228 100

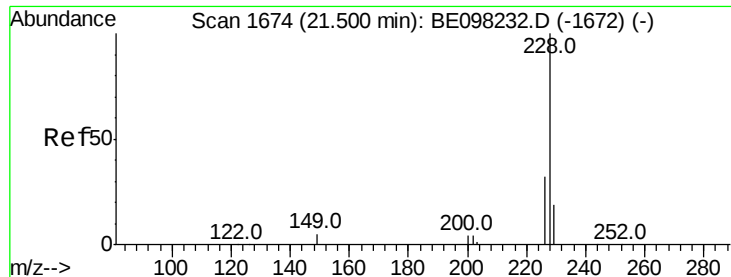
226 26.2 20.7 31.1

229 19.9 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

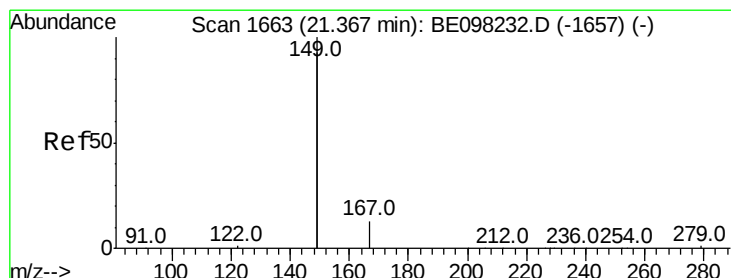
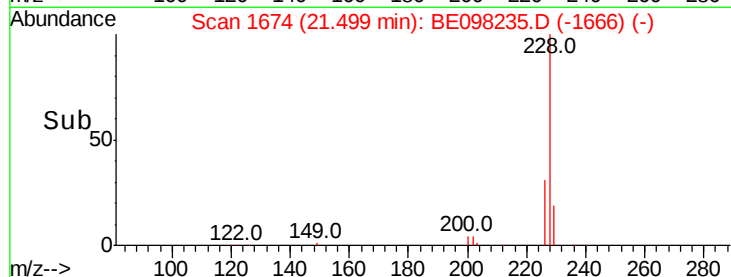
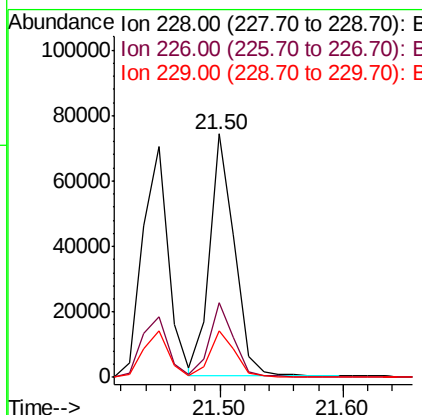
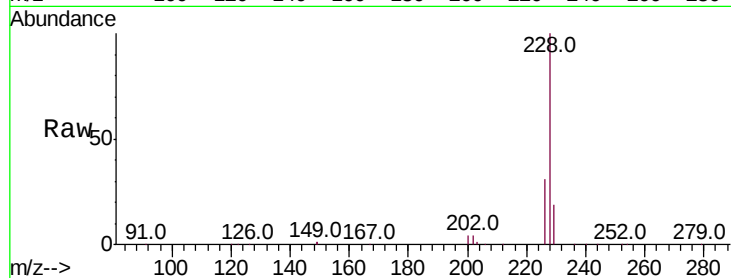




#31
 Chrysene
 Concen: 3.298 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

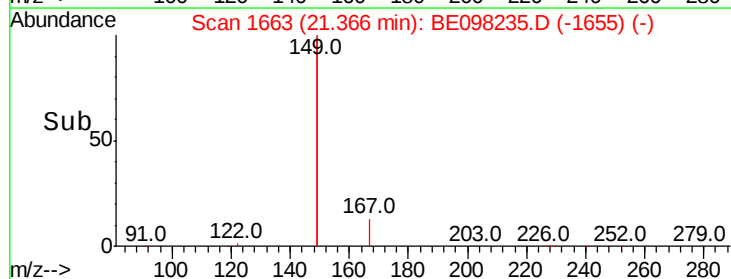
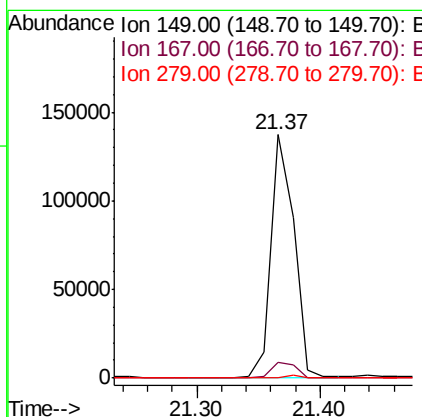
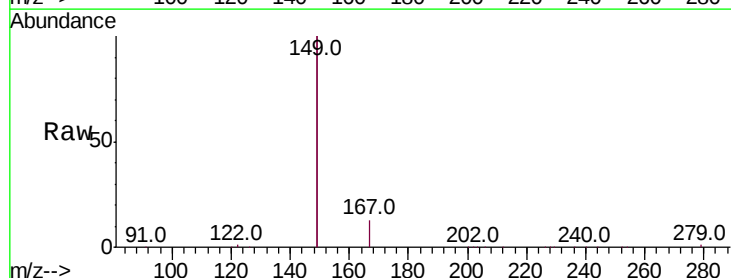
Instrument :
 BNA_E
 ClientSampleId :

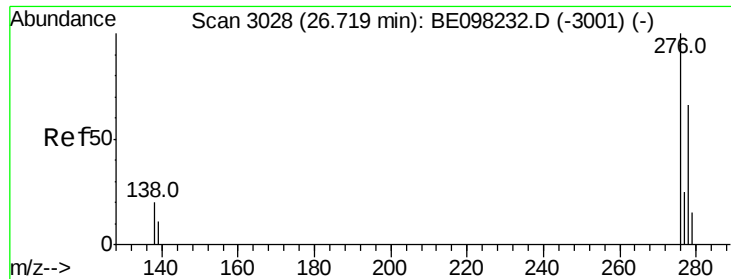
Tot Ion:228 Resp: 103045
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 36.8
 229 19.3 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.798 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

Tgt Ion:149 Resp: 178796
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.6 8.4
 279 1.1 0.9 1.3

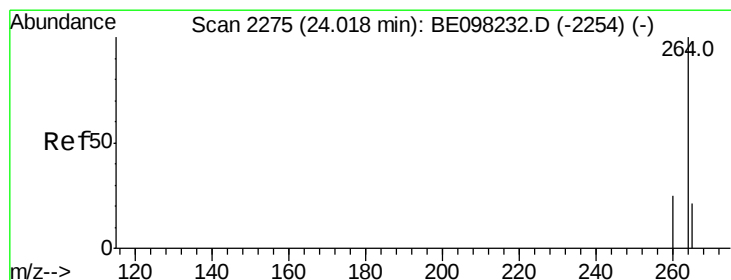
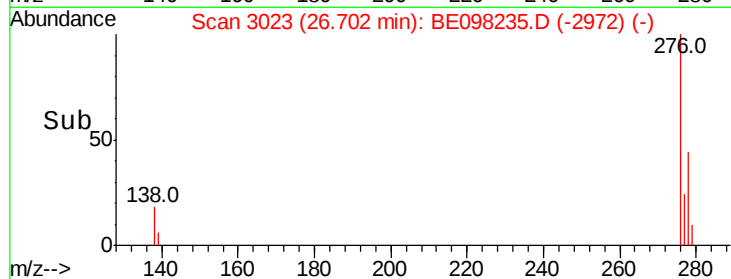
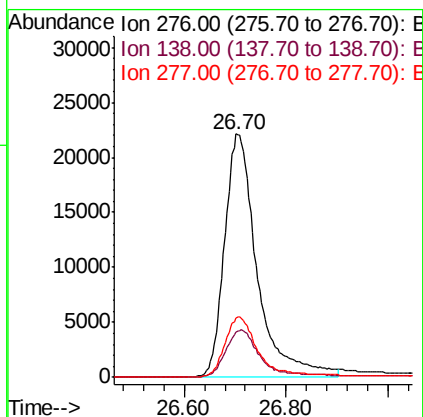
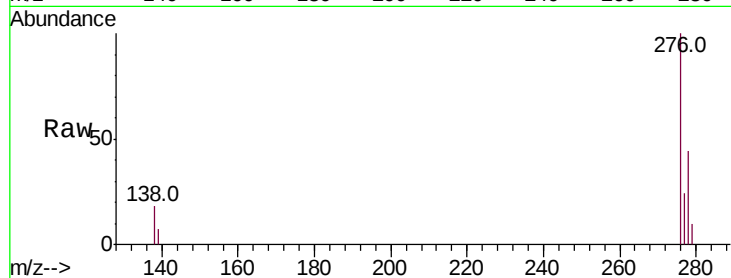




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.422 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. -0.02 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

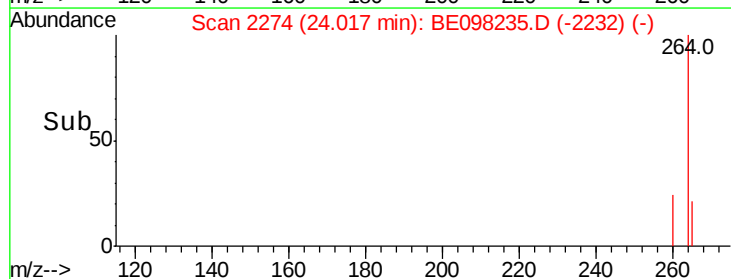
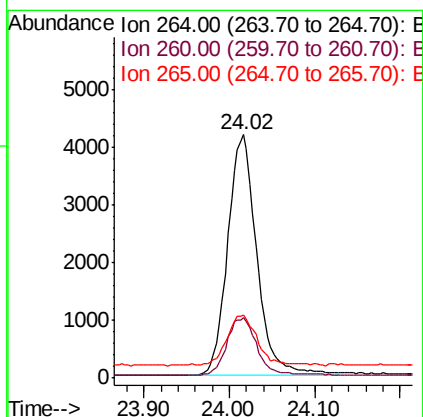
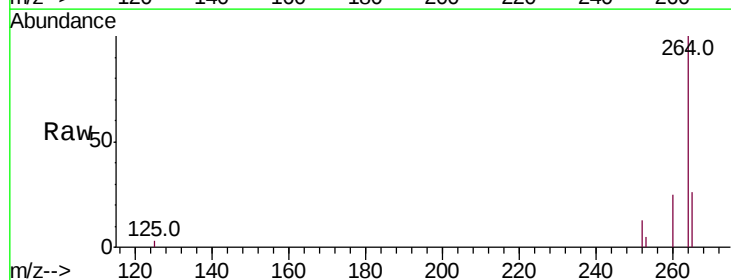
Instrument :
 BNA_E
 ClientSampleId :

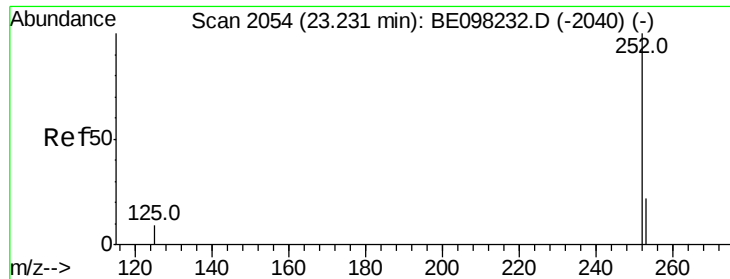
Tot Ion:276 Resp: 98039
 Ion Ratio Lower Upper
 276 100
 138 20.2 6.4 9.6#
 277 25.1 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098235.D
 Acq: 16 Nov 2018 18:31

Tgt Ion:264 Resp: 9860
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 25.9 21.3 31.9

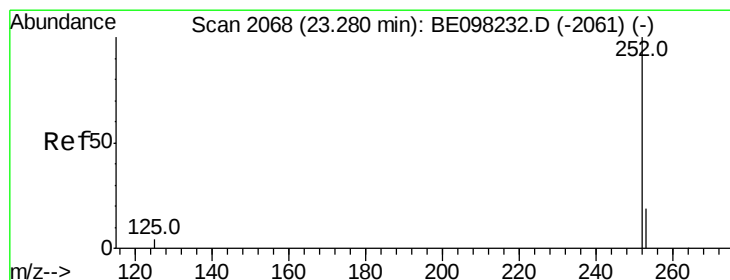
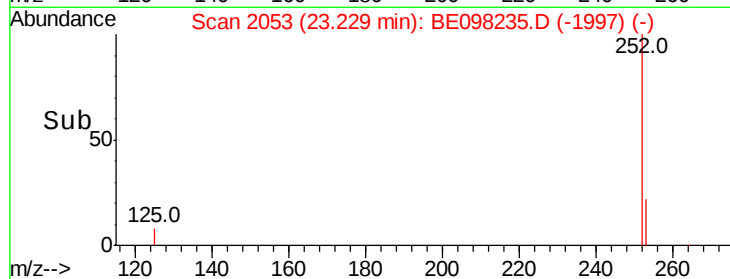
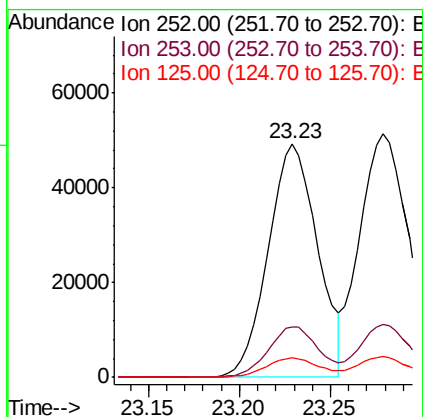
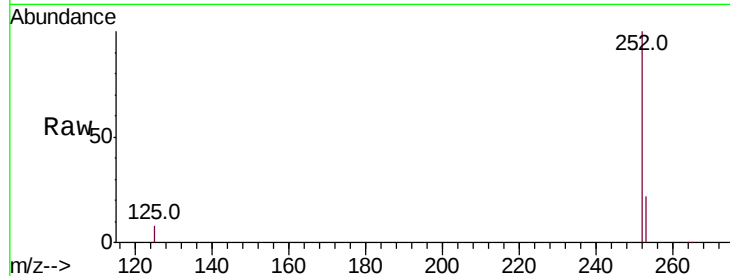




#35
Benzo(b)fluoranthene
Concen: 3.299 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098235.D
Acq: 16 Nov 2018 18:31

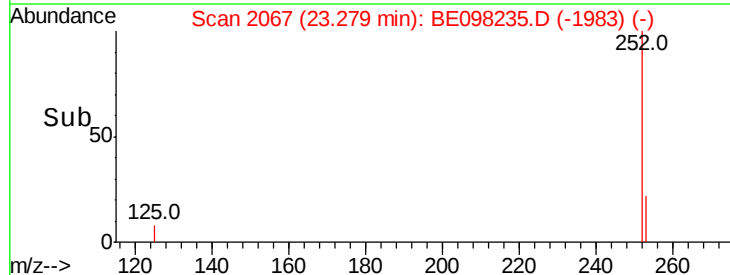
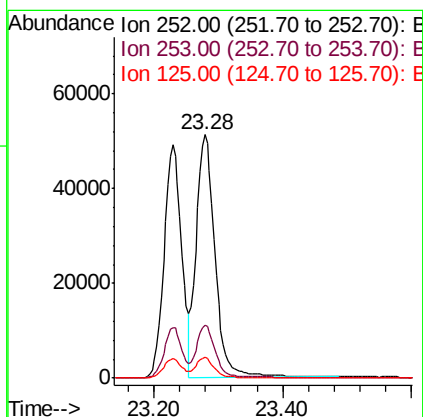
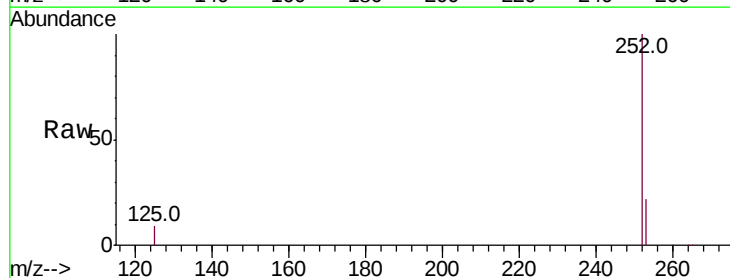
Instrument :
BNA_E
ClientSampleId :

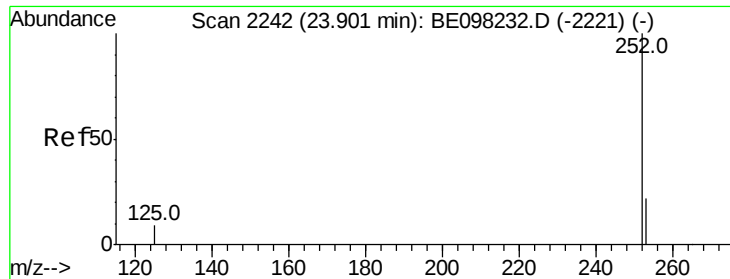
Tot Ion:252 Resp: 92277
Ion Ratio Lower Upper
252 100
253 21.8 19.4 29.0
125 8.4 8.6 12.8#



#36
Benzo(k)fluoranthene
Concen: 3.510 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098235.D
Acq: 16 Nov 2018 18:31

Tgt Ion:252 Resp: 103600
Ion Ratio Lower Upper
252 100
253 21.8 18.6 28.0
125 8.5 7.4 11.0





#37

Benzo(a)pyrene

Concen: 3.389 ng

RT: 23.90 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :

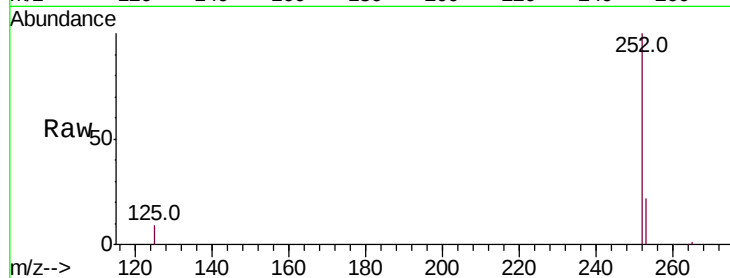
Tot Ion:252 Resp: 90926

Ion Ratio Lower Upper

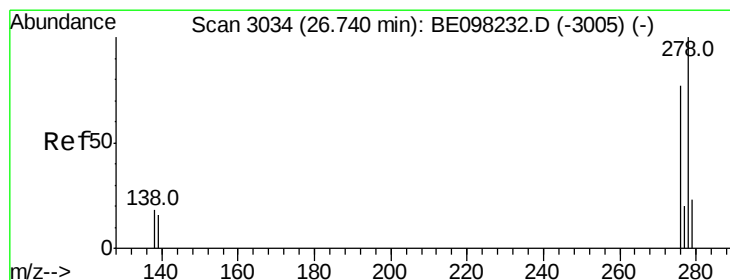
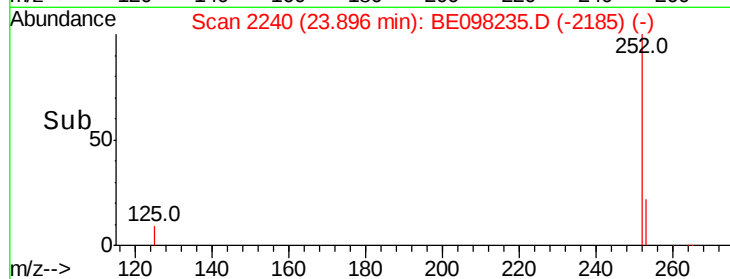
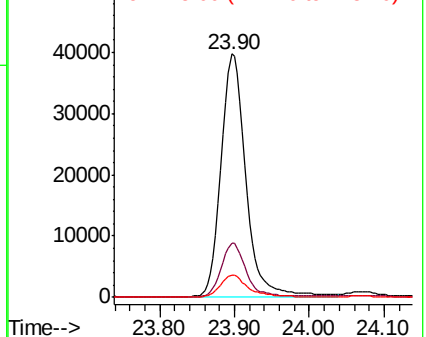
252 100

253 22.3 18.6 27.8

125 9.2 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: 3.561 ng

RT: 26.73 min Scan# 3031

Delta R.T. -0.01 min

Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

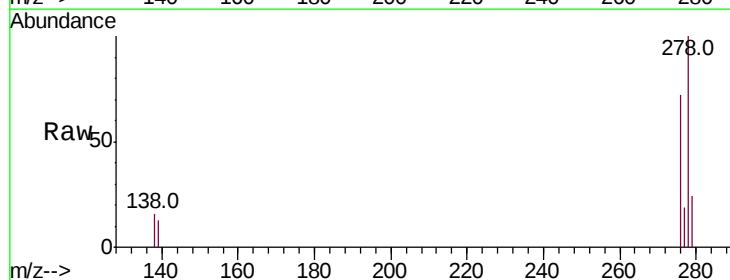
Tgt Ion:278 Resp: 81382

Ion Ratio Lower Upper

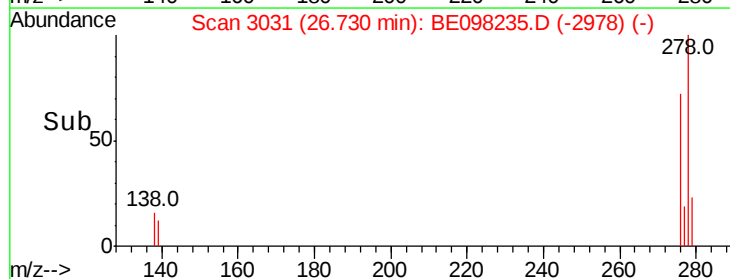
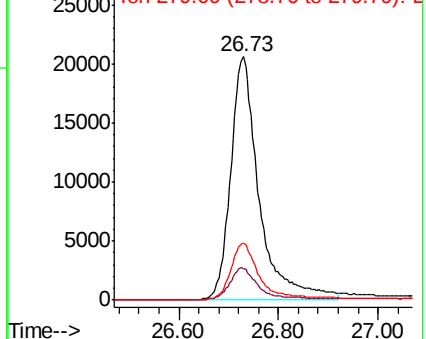
278 100

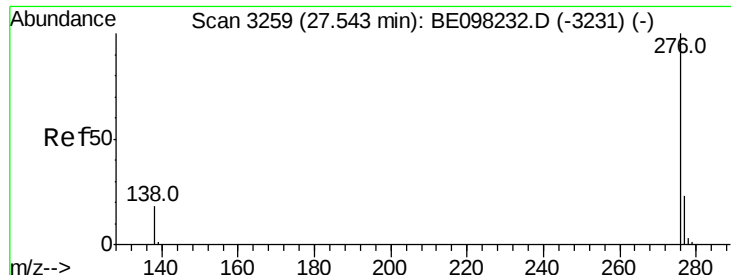
139 12.7 16.4 24.6#

279 23.5 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(a,h,i)perylene

Concen: 3.409 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.02 min

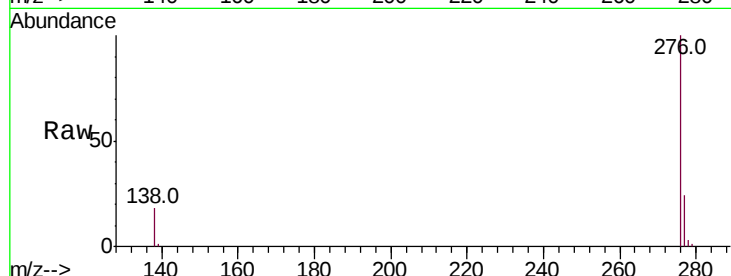
Lab File: BE098235.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 81316

Ion Ratio Lower Upper

276 100

277 23.5 20.4 30.6

138 17.6 13.2 19.8

