

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098033.D
 Acq On : 24 Oct 2018 10:47
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 11:57:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 11:55:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1161	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5558	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3712	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	8933	0.40	ng	0.00
27) Chrysene-d12	21.47	240	10635	0.40	ng	0.00
34) Perylene-d12	24.03	264	10600	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	728	0.20	ng	0.00
5) Phenol-d6	7.06	99	1198	0.22	ng	0.00
8) Nitrobenzene-d5	9.03	82	1237	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2023	0.22	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	409	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	3369	0.22	ng	0.00
25) Fluoranthene-d10	19.33	212	24052	0.20	ng	0.00
29) Terphenyl-d14	19.92	244	5390	0.22	ng	0.00

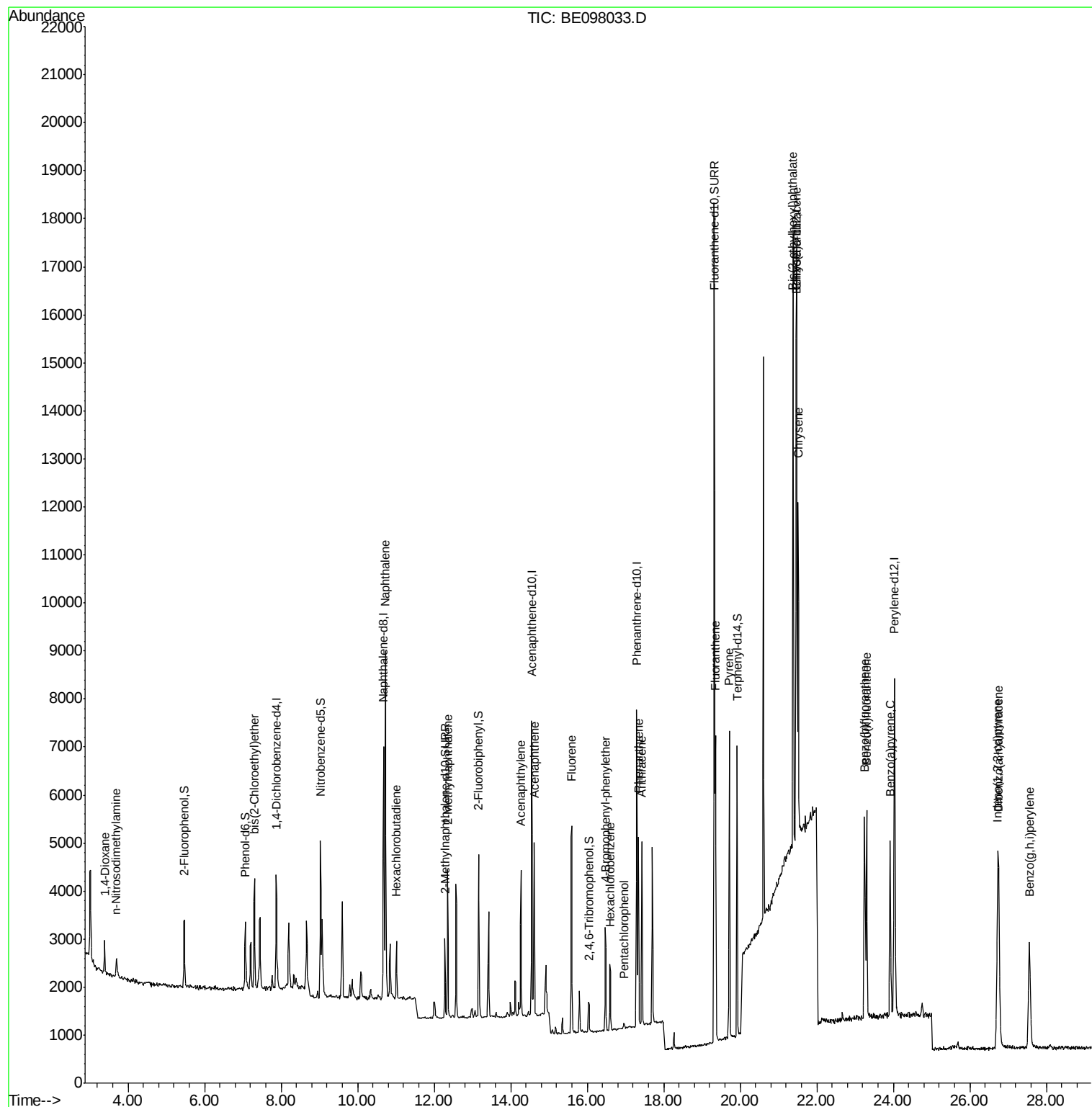
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	418	0.206	ng	90
3) n-Nitrosodimethylamine	3.69	42	462	0.204	ng	# 77
6) bis(2-Chloroethyl)ether	7.30	93	768	0.167	ng	84
9) Naphthalene	10.73	128	11163	0.202	ng	99
10) Hexachlorobutadiene	11.02	225	794	0.266	ng	95
12) 2-Methylnaphthalene	12.35	142	1980	0.209	ng	93
16) Acenaphthylene	14.27	152	3557	0.207	ng	99
17) Acenaphthene	14.61	154	2119	0.202	ng	99
18) Fluorene	15.59	166	2823	0.196	ng	97
20) 4-Bromophenyl-phenylether	16.48	248	1110	0.227	ng	# 80
21) Hexachlorobenzene	16.60	284	1190	0.248	ng	98
22) Pentachlorophenol	16.97	266	84	0.061	ng	# 72
23) Phenanthrene	17.34	178	4635	0.204	ng	99
24) Anthracene	17.42	178	4440	0.207	ng	99
26) Fluoranthene	19.36	202	5692	0.191	ng	97
28) Pyrene	19.71	202	6079	0.198	ng	99
30) Benzo(a)anthracene	21.46	228	6587	0.202	ng	98
31) Chrysene	21.51	228	6325	0.205	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	15821	0.208	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.72	276	6959	0.210	ng	96
35) Benzo(b)fluoranthene	23.25	252	6131	0.201	ng	97
36) Benzo(k)fluoranthene	23.30	252	6210	0.195	ng	97
37) Benzo(a)pyrene	23.92	252	5993	0.202	ng	95
38) Dibenzo(a,h)anthracene	26.76	278	5786	0.199	ng	97
39) Benzo(g,h,i)perylene	27.55	276	5792	0.194	ng	99

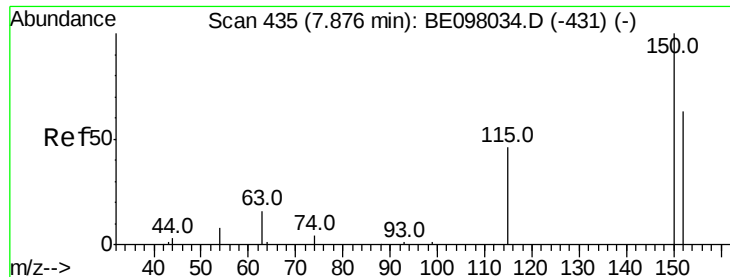
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
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ClientSampled :

Quant Time: Oct 24 11:57:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
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QLast Update : Wed Oct 24 11:55:09 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampled :

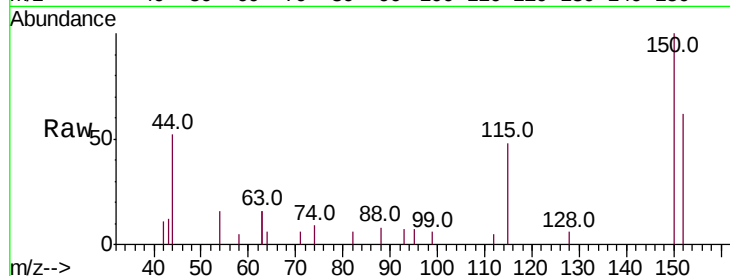
Tot Ion:152 Resp: 1161

Ion Ratio Lower Upper

152 100

150 161.4 118.2 177.4

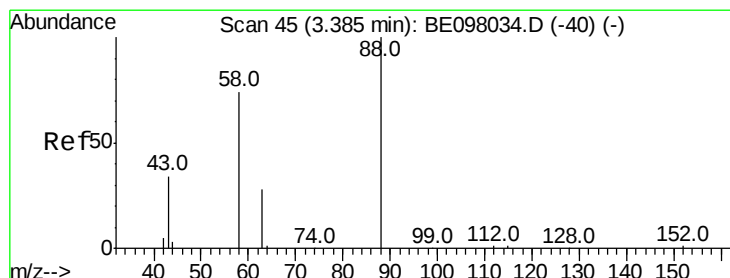
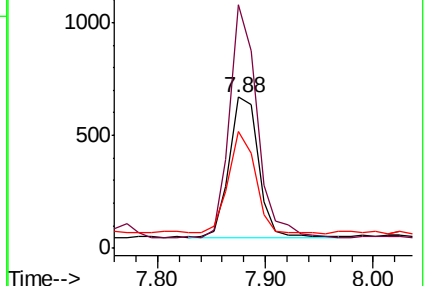
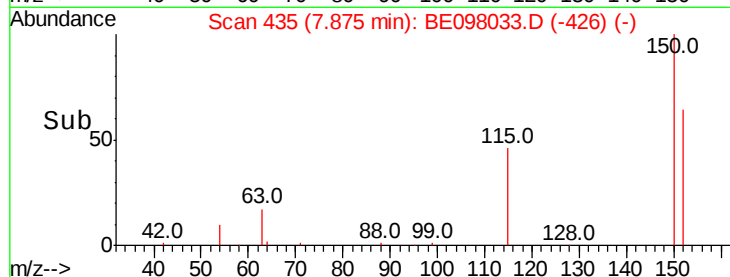
115 77.5 50.9 76.3#



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: 0.206 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

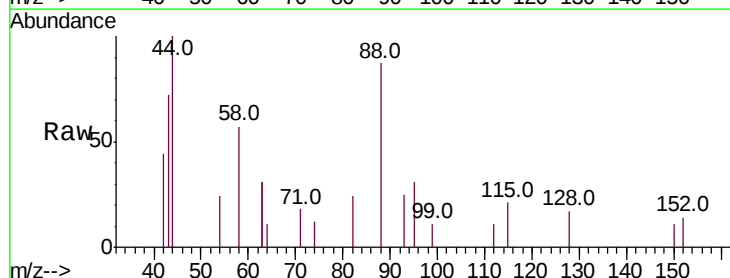
Tgt Ion: 88 Resp: 418

Ion Ratio Lower Upper

88 100

58 81.6 73.2 109.8

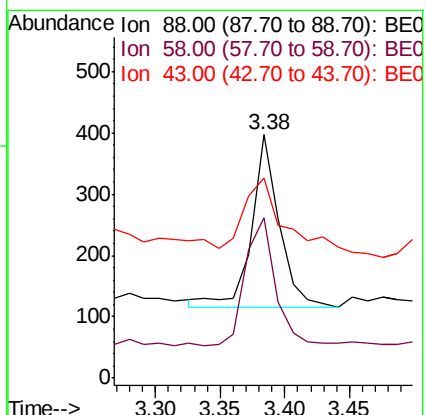
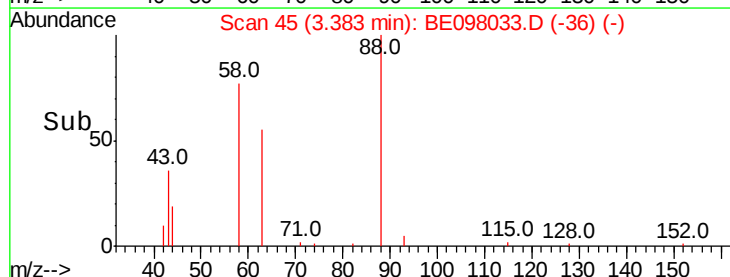
43 52.6 36.9 55.3

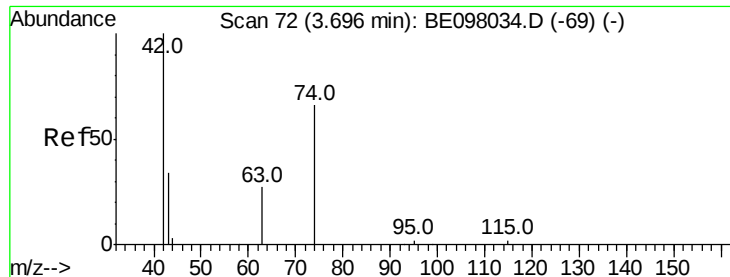


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



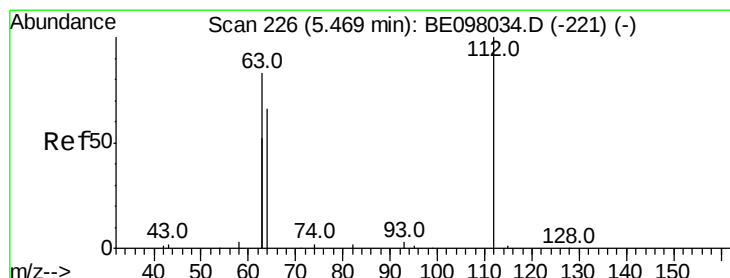
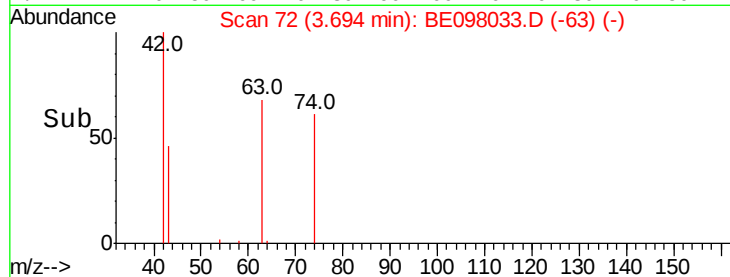
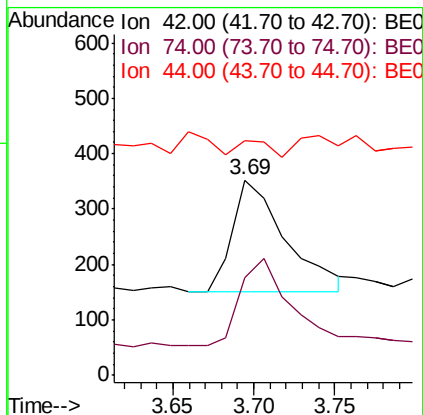
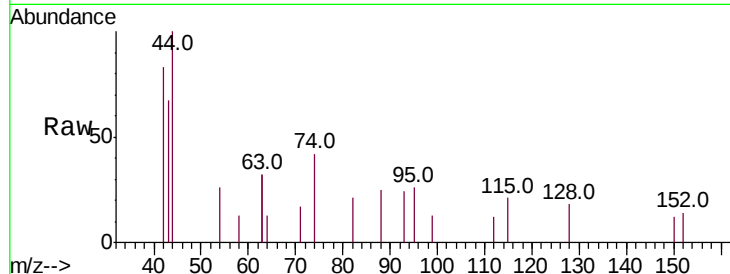


#3

n-Nitrosodimethylamine
 Concen: 0.204 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098033.D
 Acq: 24 Oct 2018 10:47

Instrument :
 BNA_E
 ClientSampleId :

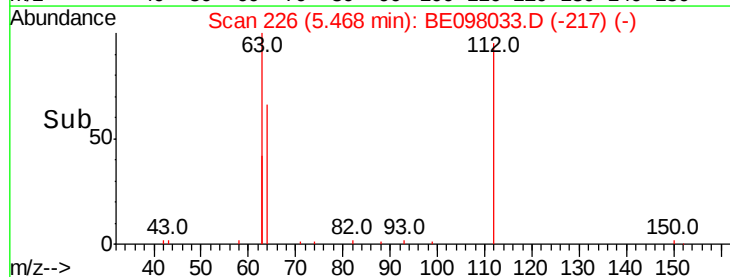
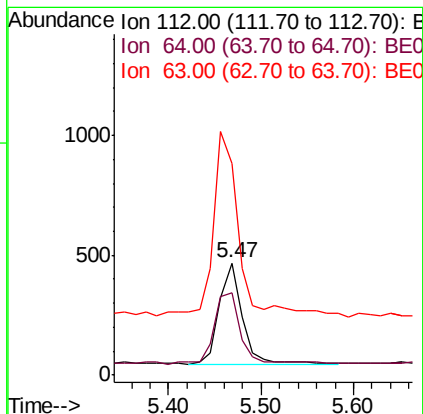
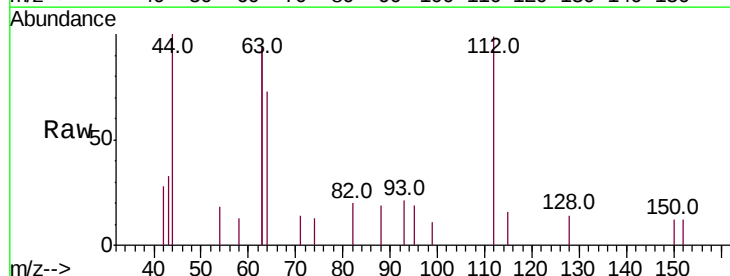
Tot Ion: 42 Resp: 462
 Ion Ratio Lower Upper
 42 100
 74 72.9 77.6 116.4#
 44 8.2 7.6 11.4

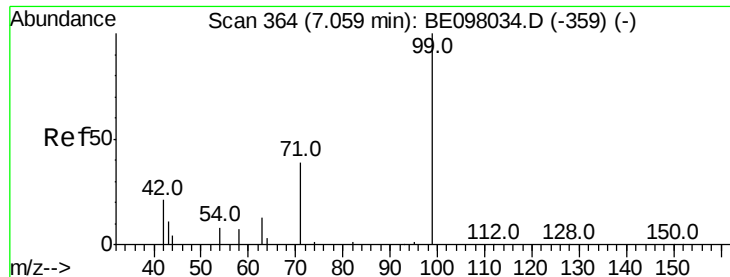


#4

2-Fluorophenol
 Concen: 0.199 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE098033.D
 Acq: 24 Oct 2018 10:47

Tgt Ion: 112 Resp: 728
 Ion Ratio Lower Upper
 112 100
 64 82.8 58.9 88.3
 63 182.0 120.3 180.5#





#5

Phenol-d6

Concen: 0.221 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

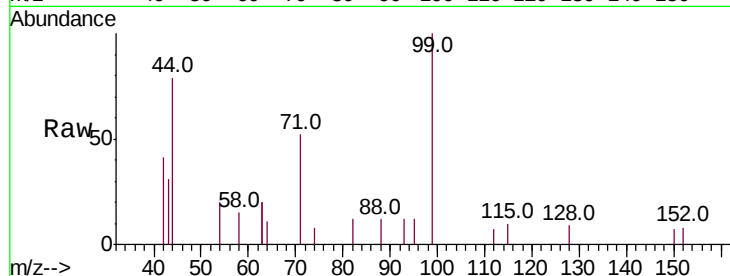
Tot Ion: 99 Resp: 1198

Ion Ratio Lower Upper

99 100

42 36.8 19.9 29.9#

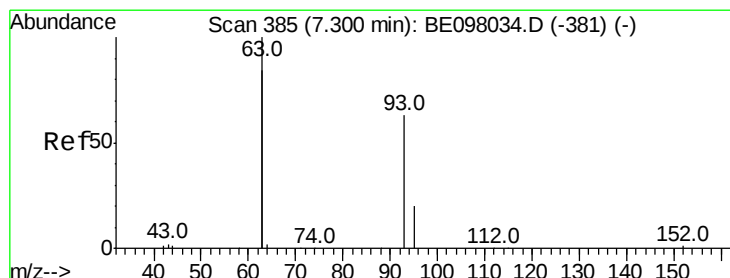
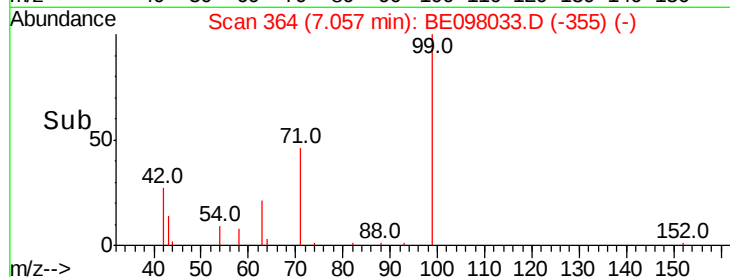
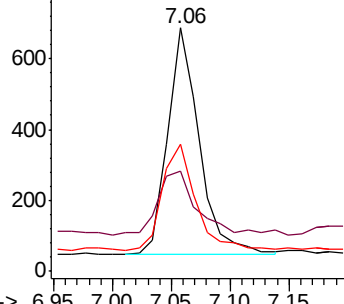
71 49.2 27.8 41.8#



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: 0.167 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

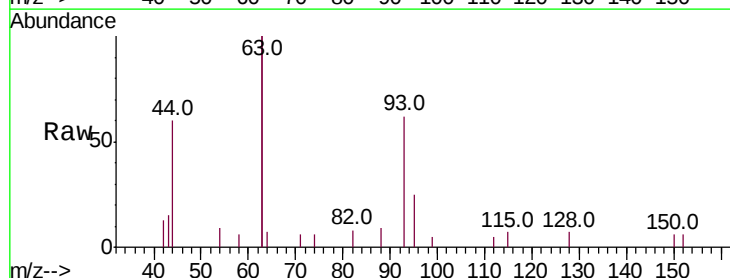
Tgt Ion: 93 Resp: 768

Ion Ratio Lower Upper

93 100

63 360.3 259.0 388.4

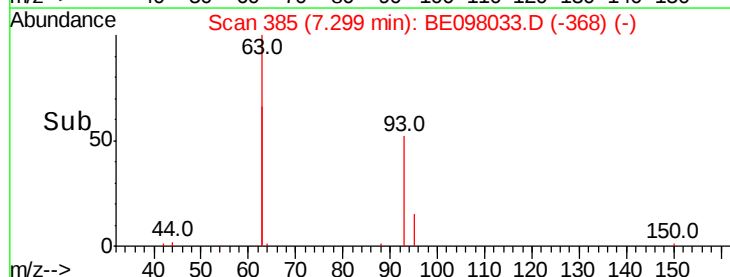
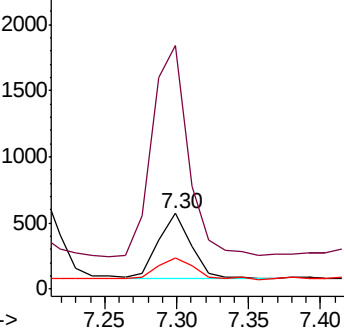
95 36.7 27.8 41.8

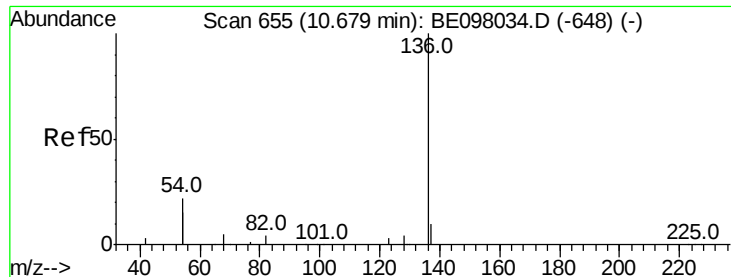


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5558

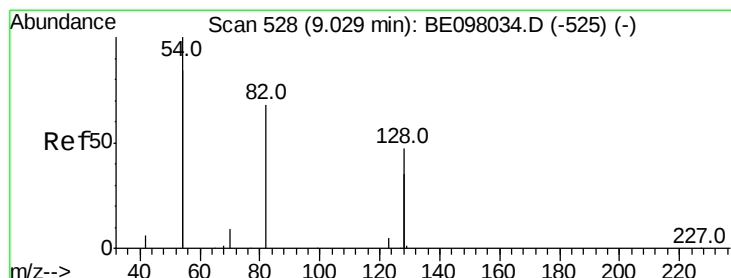
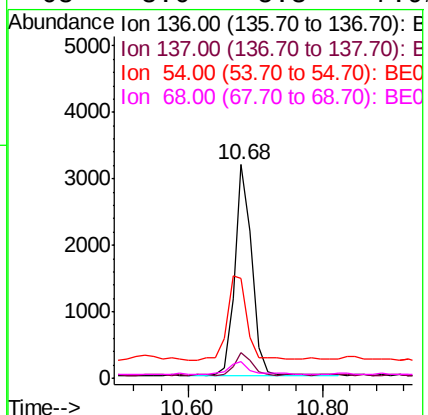
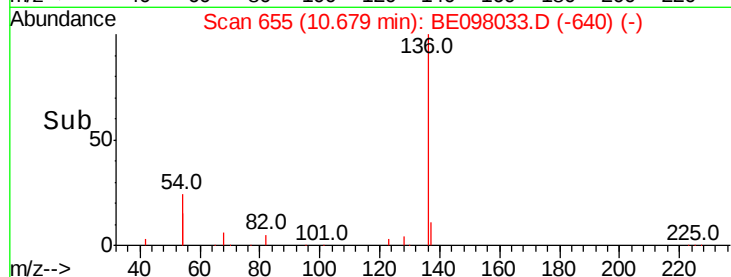
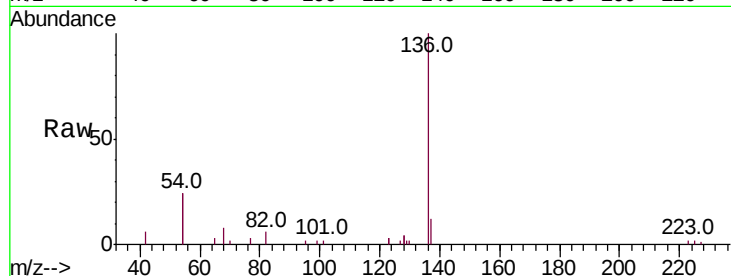
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 47.1 27.7 41.5#

68 8.0 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.235 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

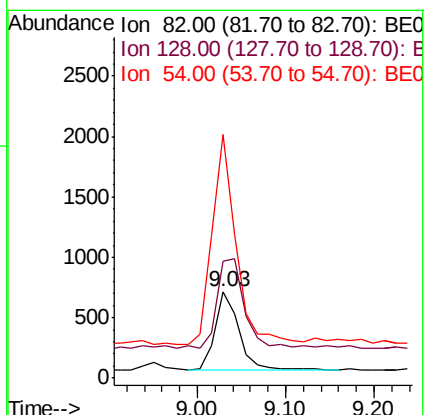
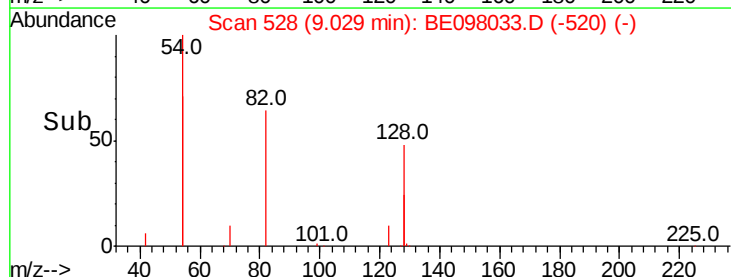
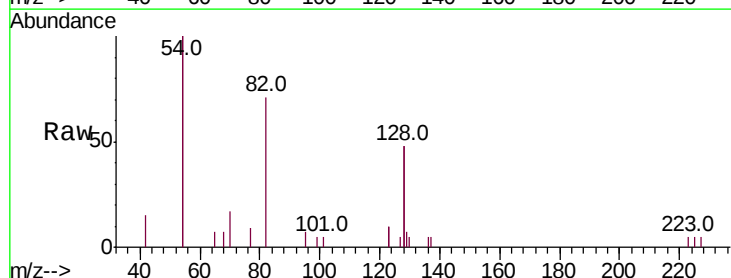
Tgt Ion: 82 Resp: 1237

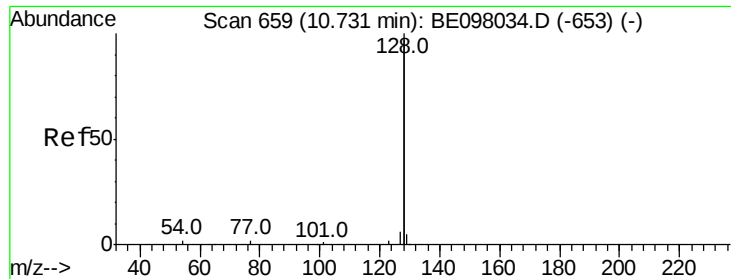
Ion Ratio Lower Upper

82 100

128 135.8 129.9 194.9

54 281.6 174.0 261.0#





#9

Naphthalene

Concen: 0.202 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

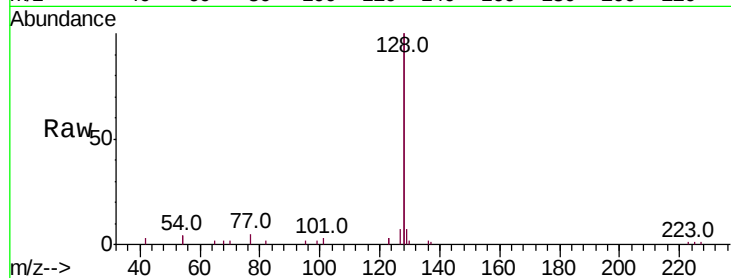
Tot Ion:128 Resp: 11163

Ion Ratio Lower Upper

128 100

129 3.5 2.5 3.7

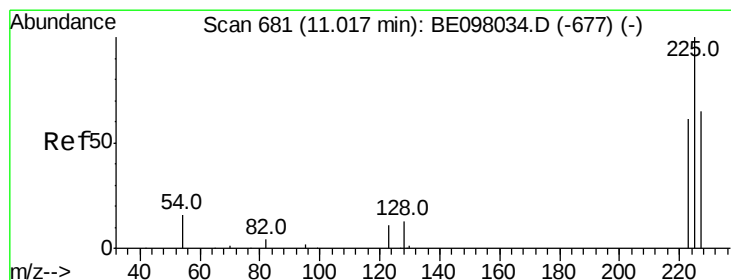
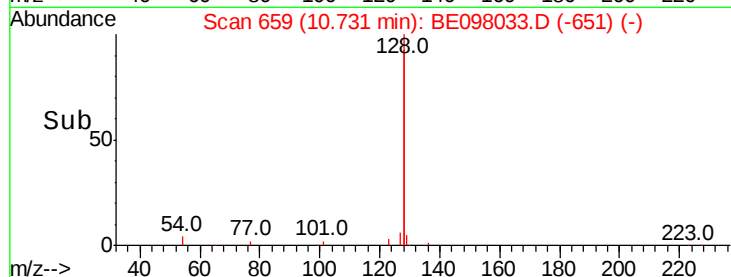
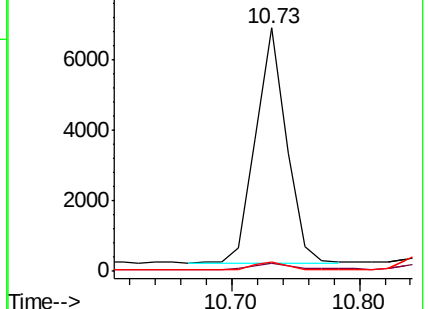
127 3.7 2.8 4.2



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: 0.266 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

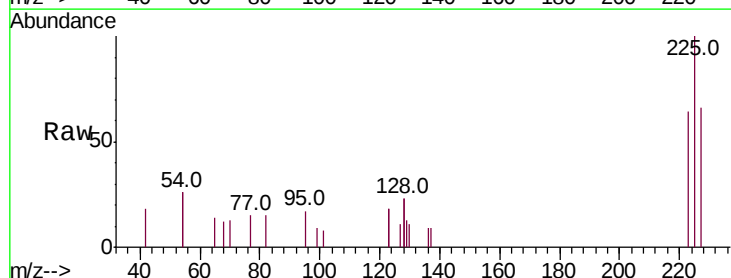
Tgt Ion:225 Resp: 794

Ion Ratio Lower Upper

225 100

223 61.0 51.8 77.8

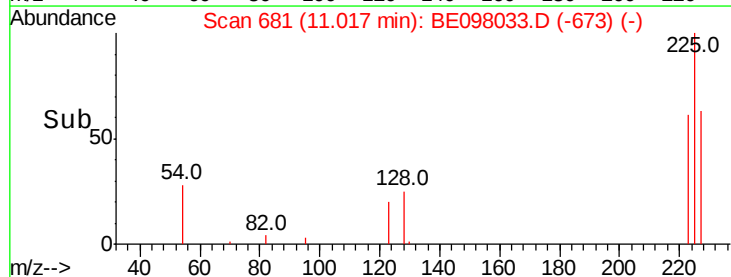
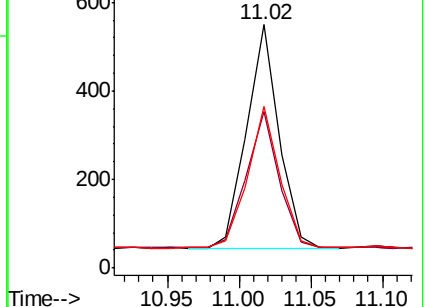
227 62.8 53.0 79.6

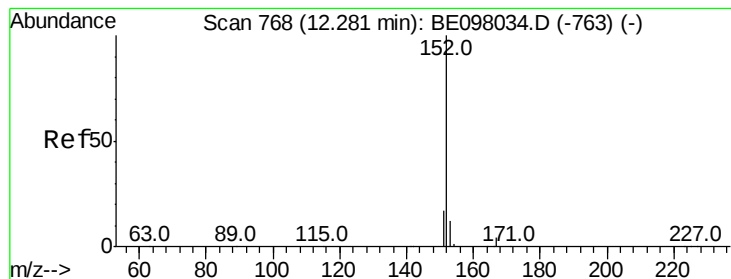


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.219 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

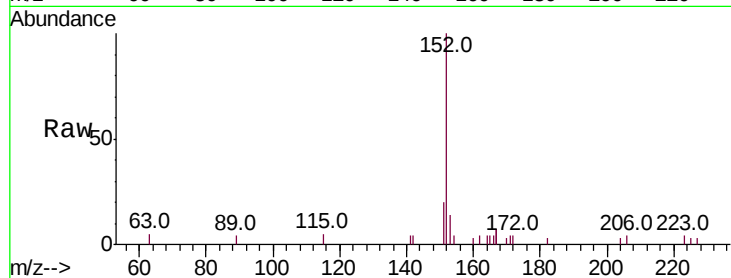
ClientSampled :

Tot Ion:152 Resp: 2023

Ion Ratio Lower Upper

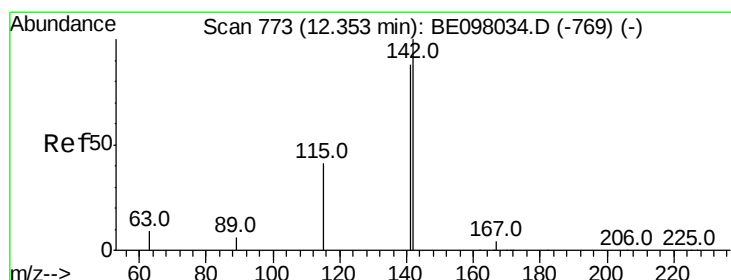
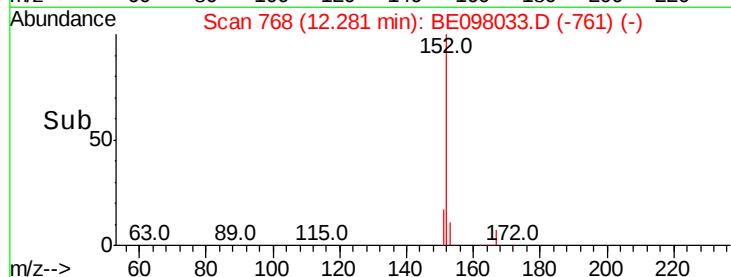
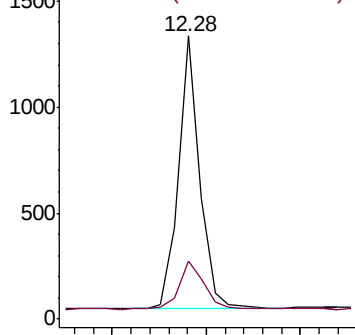
152 100

151 20.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.209 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

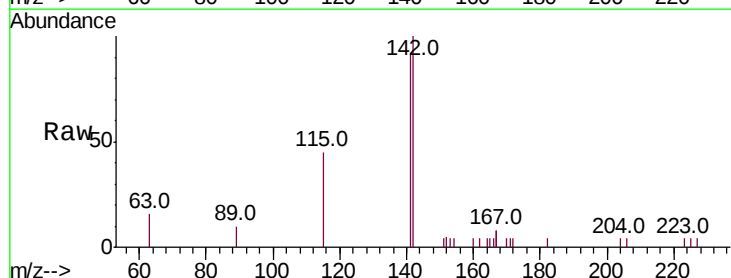
Tgt Ion:142 Resp: 1980

Ion Ratio Lower Upper

142 100

141 91.5 69.8 104.6

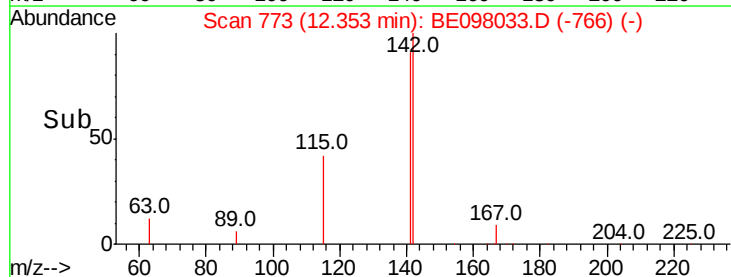
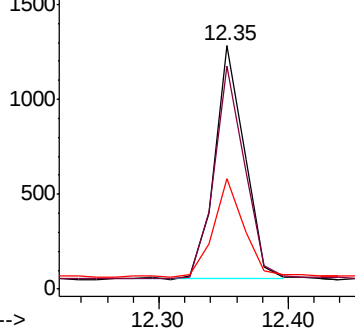
115 45.4 30.5 45.7

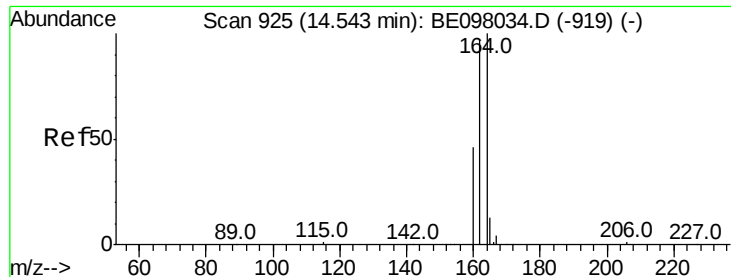


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

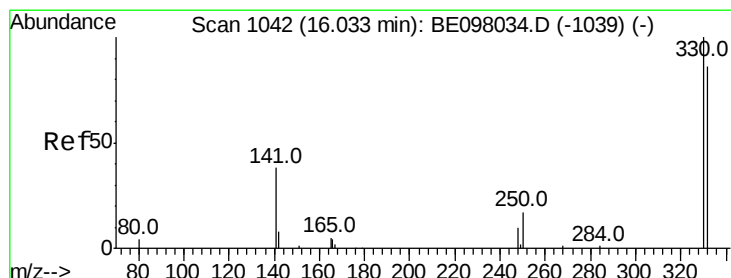
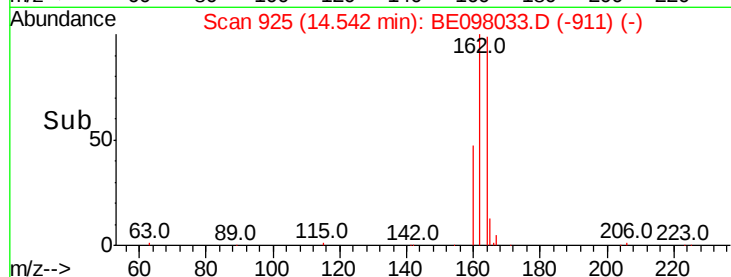
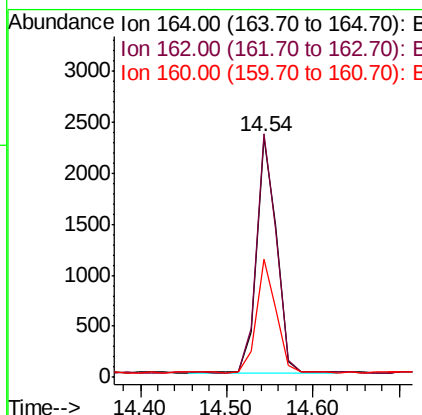
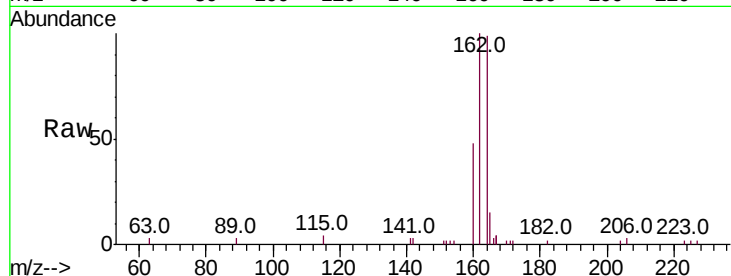




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098033.D
 Acq: 24 Oct 2018 10:47

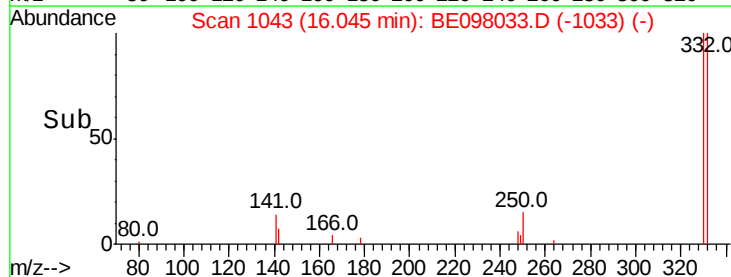
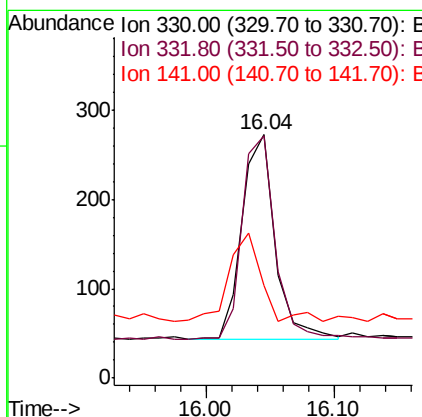
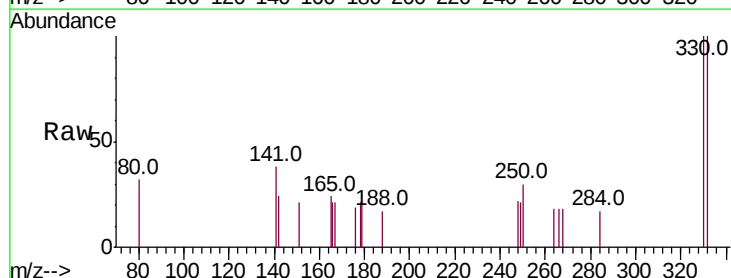
Instrument :
 BNA_E
 ClientSampleId :

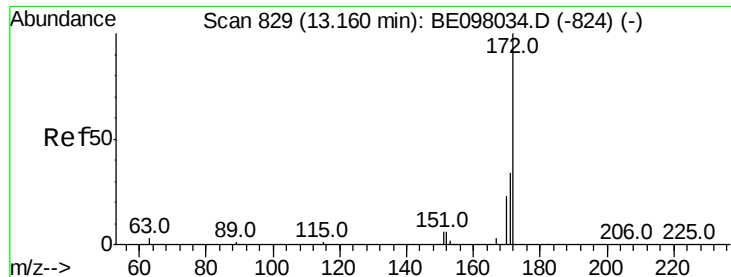
Tot Ion:164 Resp: 3712
 Ion Ratio Lower Upper
 164 100
 162 101.4 77.4 116.2
 160 49.0 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.205 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BE098033.D
 Acq: 24 Oct 2018 10:47

Tgt Ion:330 Resp: 409
 Ion Ratio Lower Upper
 330 100
 332 102.2 76.5 114.7
 141 42.1 31.8 47.6

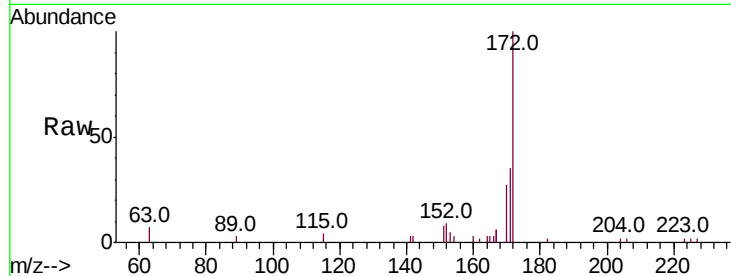




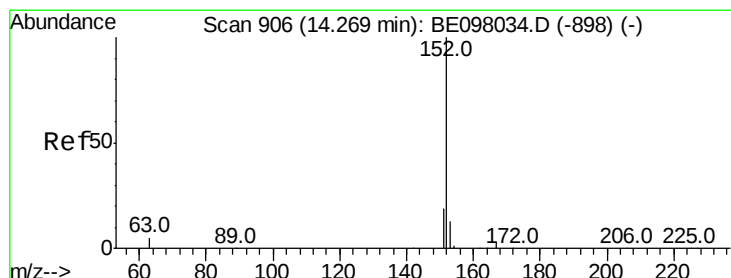
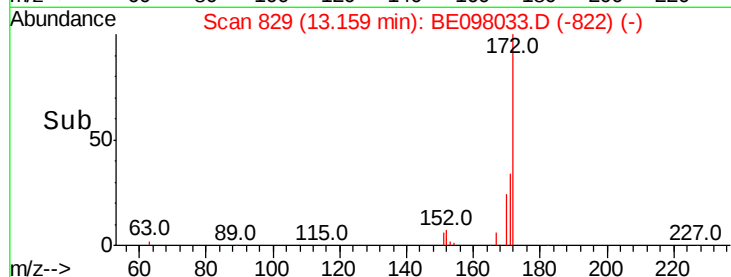
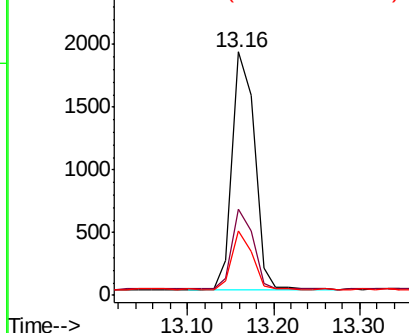
#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 3369
Ion Ratio Lower Upper
172 100
171 35.5 26.0 39.0
170 26.5 18.0 27.0

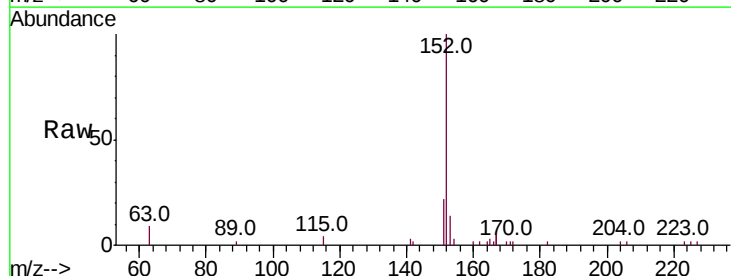


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

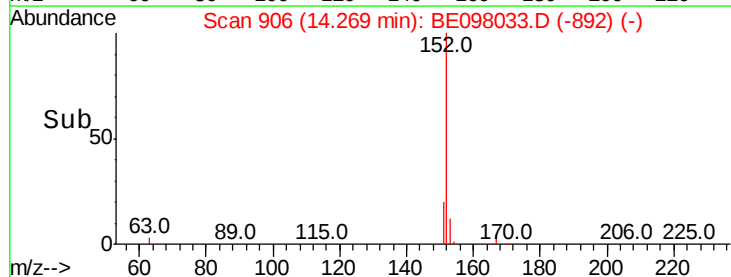
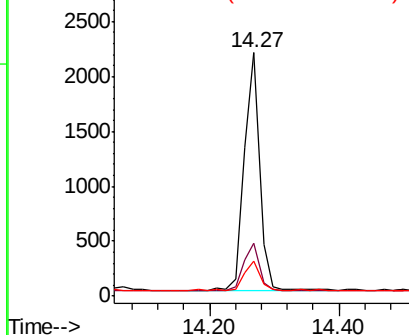


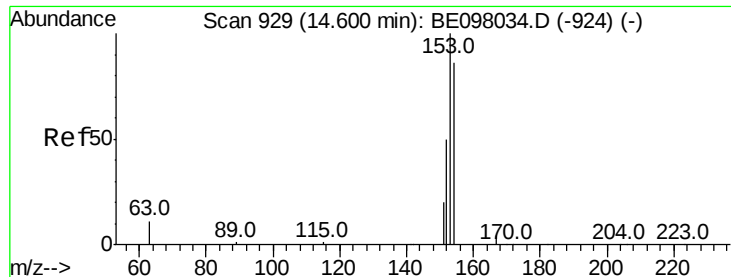
#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:152 Resp: 3557
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 13.6 10.9 16.3



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: 0.202 ng

RT: 14.61 min Scan# 930

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

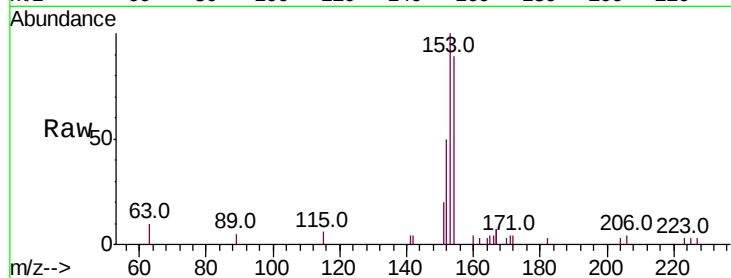
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 2119

Ion	Ratio	Lower	Upper
154	100		
153	117.0	92.6	139.0
152	57.6	45.5	68.3

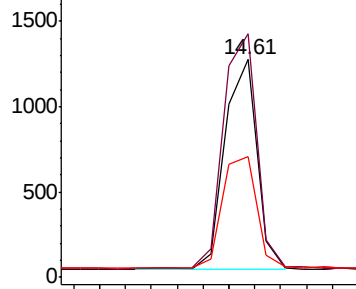


Abundance

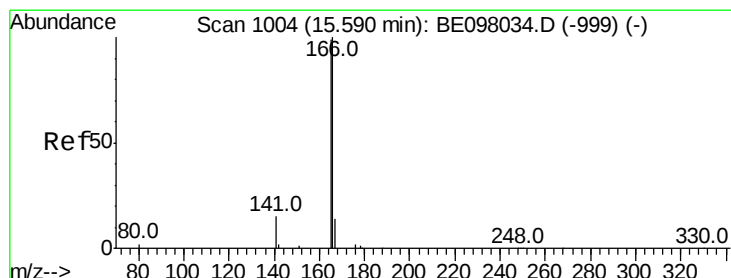
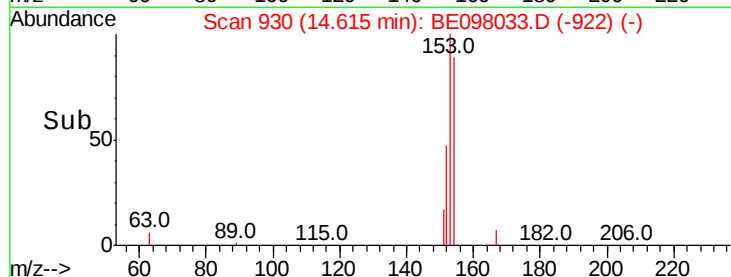
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.196 ng

RT: 15.59 min Scan# 1004

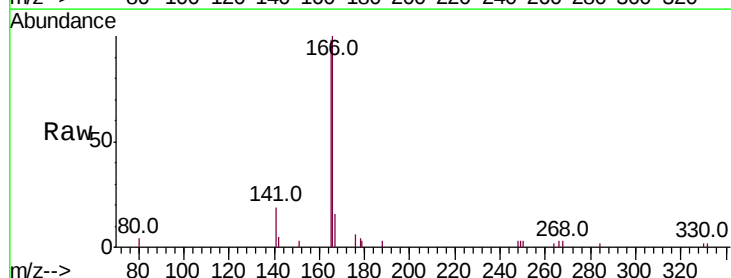
Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Tgt Ion:166 Resp: 2823

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.2	117.4
167	14.3	11.0	16.6

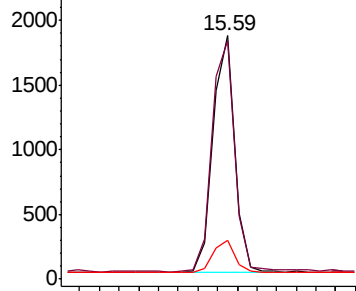


Abundance

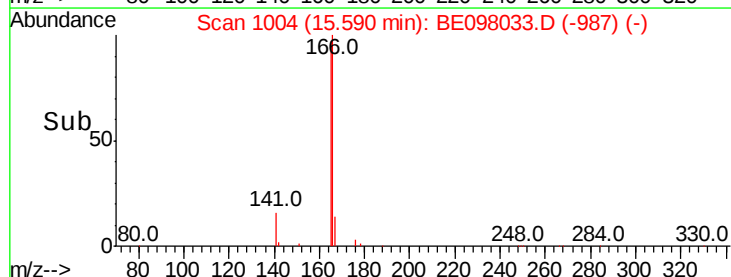
Ion 166.00 (165.70 to 166.70): E

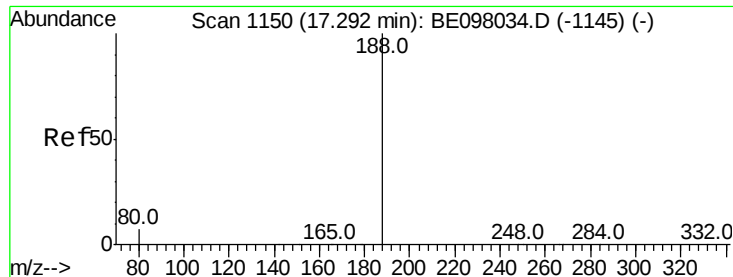
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

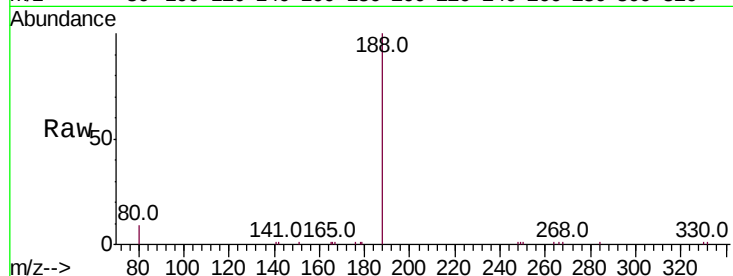
Tot Ion:188 Resp: 8933

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

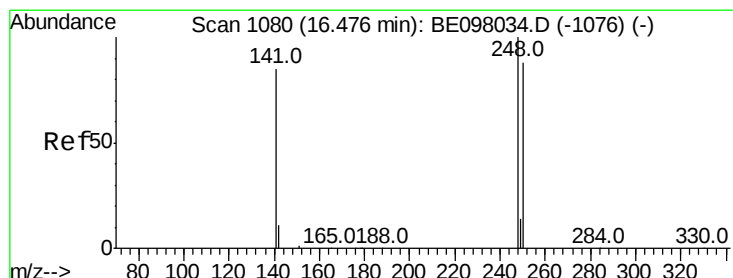
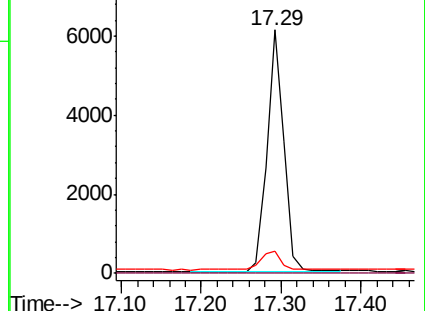
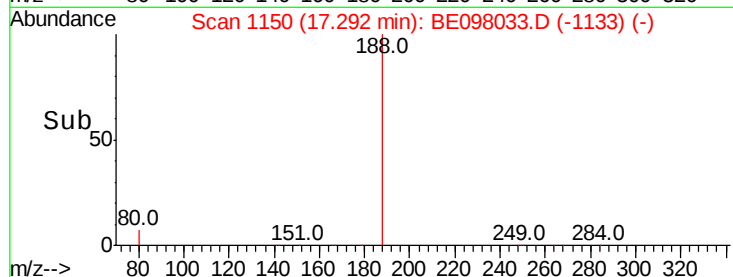
80 8.9 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.227 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

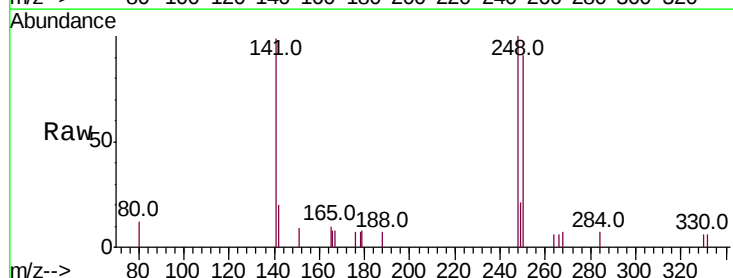
Tgt Ion:248 Resp: 1110

Ion Ratio Lower Upper

248 100

250 90.7 75.1 112.7

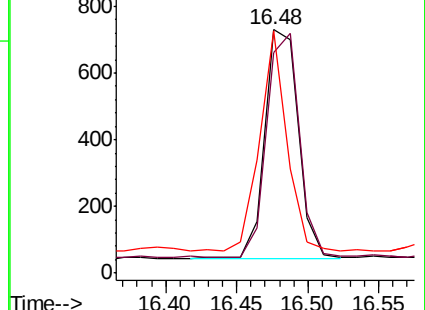
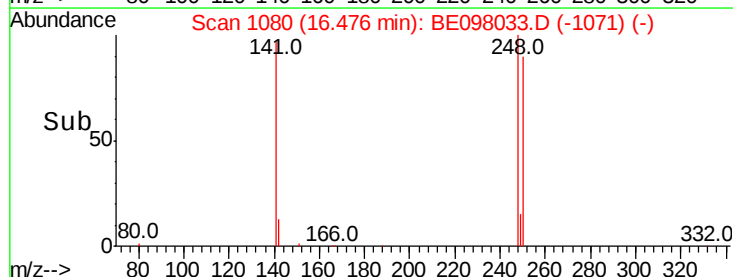
141 99.5 51.8 77.8#

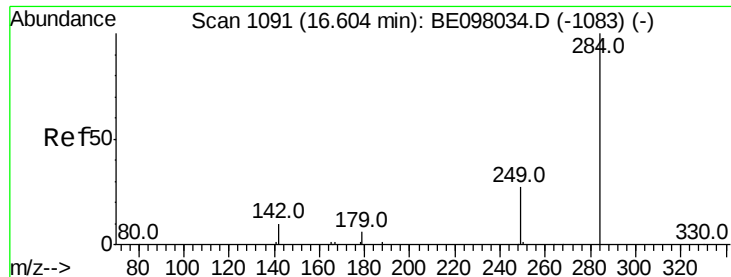


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

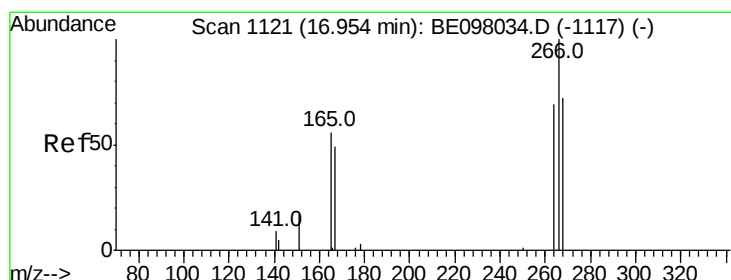
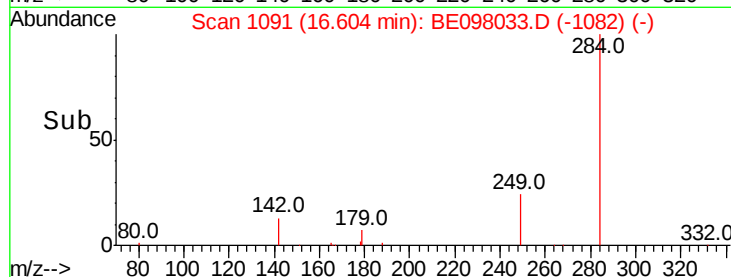
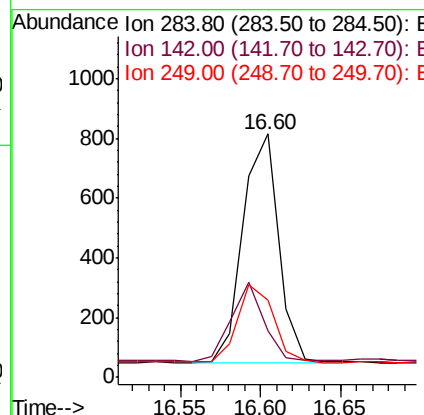
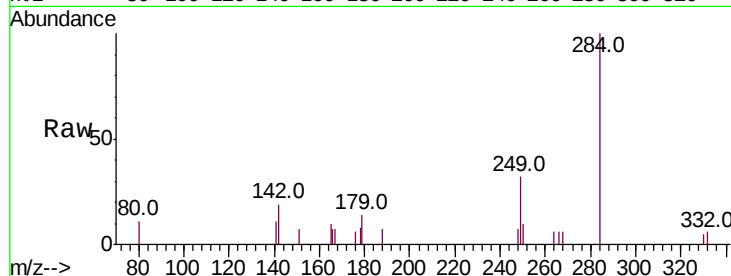




#21
Hexachlorobenzene
Concen: 0.248 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

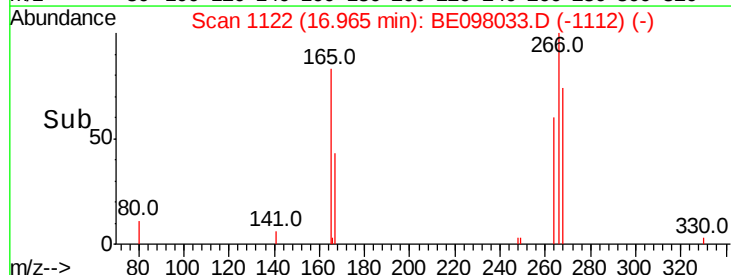
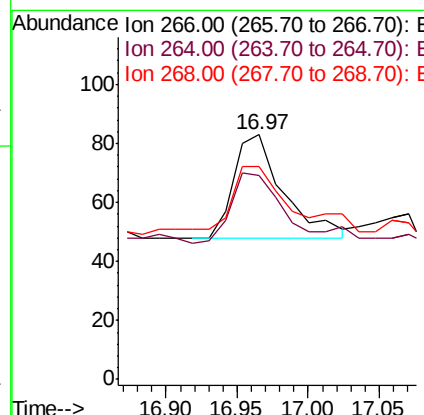
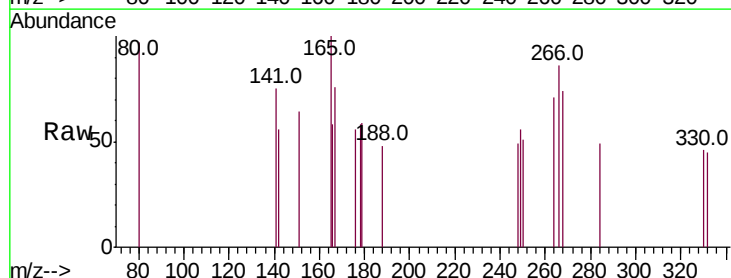
Instrument :
BNA_E
ClientSampleId :

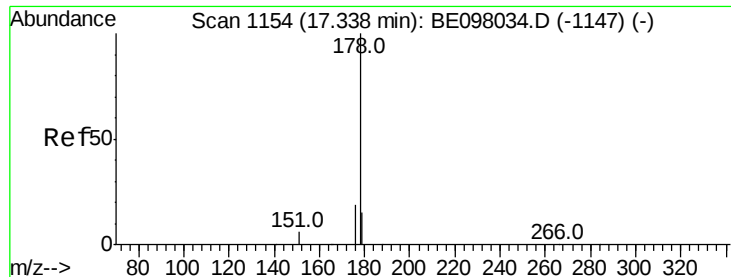
Tot Ion:284 Resp: 1190
Ion Ratio Lower Upper
284 100
142 30.4 25.9 38.9
249 34.1 26.6 40.0



#22
Pentachlorophenol
Concen: 0.061 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE098033.D
Acq: 24 Oct 2018 10:47

Tgt Ion:266 Resp: 84
Ion Ratio Lower Upper
266 100
264 83.1 51.3 76.9#
268 86.7 50.1 75.1#





#23

Phenanthrene

Concen: 0.204 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

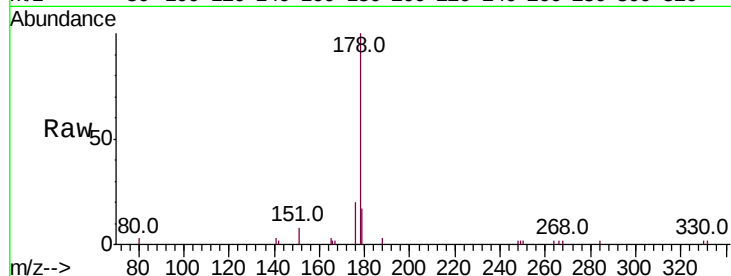
Tot Ion:178 Resp: 4635

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

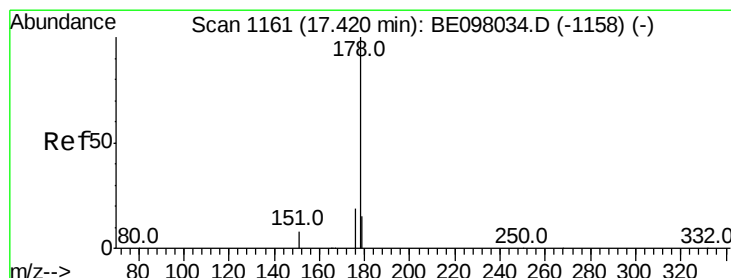
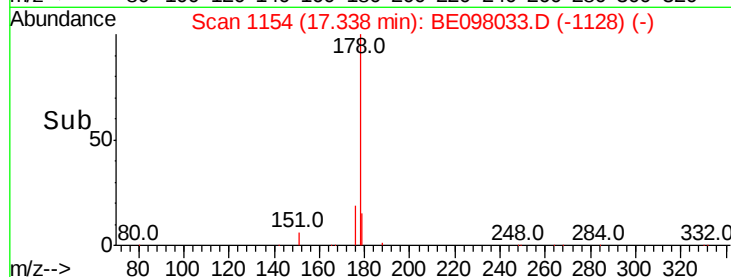
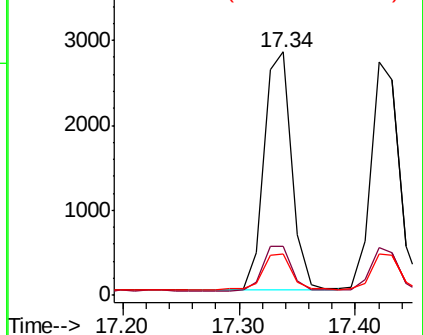
179 16.1 12.2 18.4



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: 0.207 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

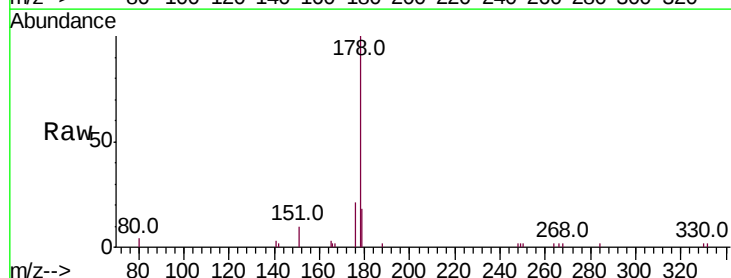
Tgt Ion:178 Resp: 4440

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

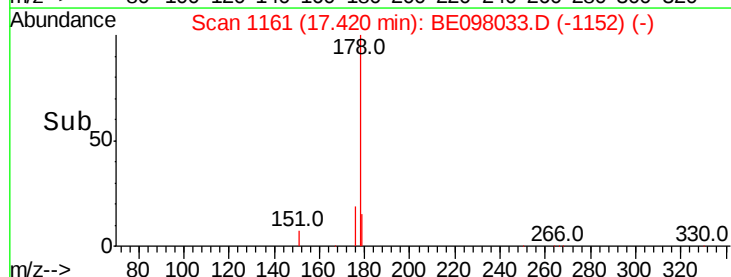
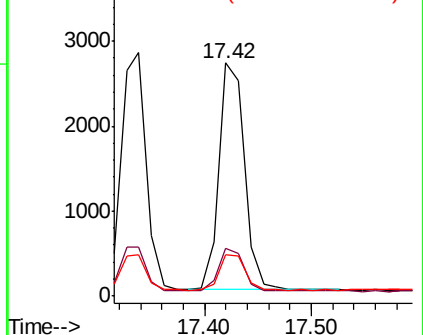
179 15.9 11.9 17.9

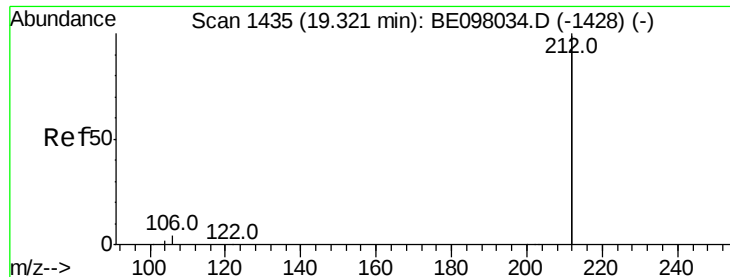


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.199 ng

RT: 19.33 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

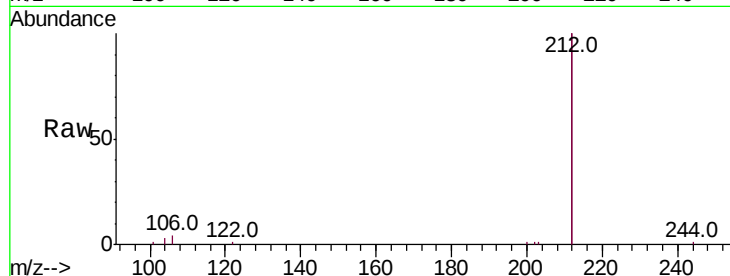
Tot Ion:212 Resp: 24052

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

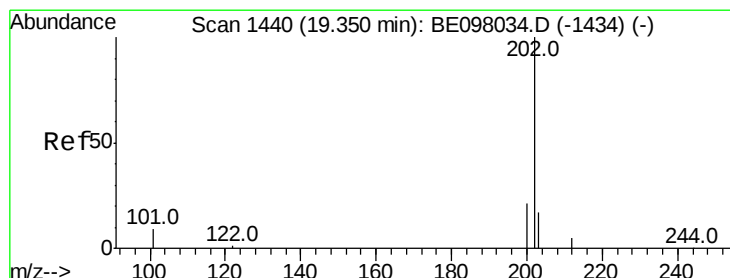
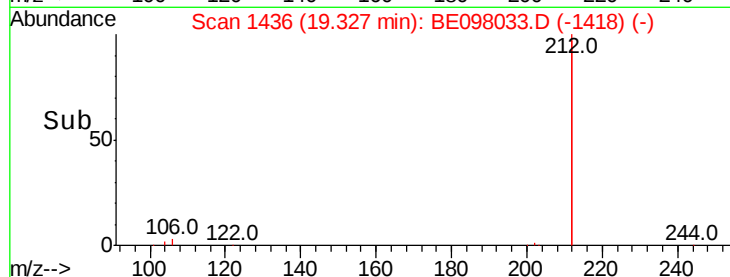
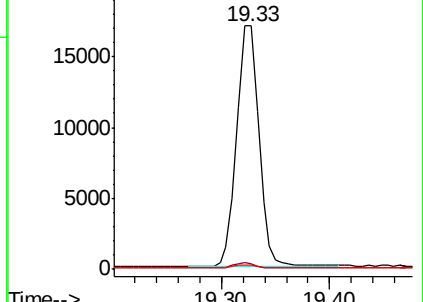
104 1.3 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.191 ng

RT: 19.36 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

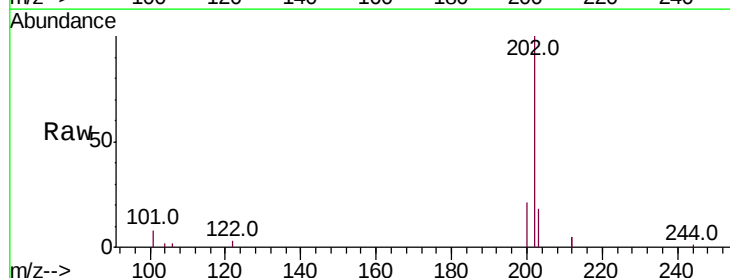
Tgt Ion:202 Resp: 5692

Ion Ratio Lower Upper

202 100

101 8.9 8.2 12.2

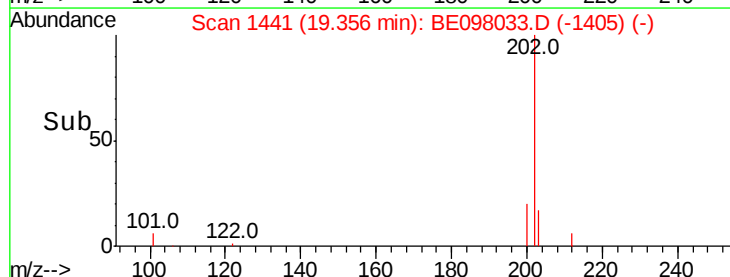
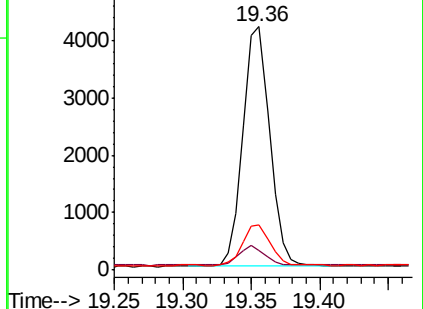
203 17.7 15.0 22.4

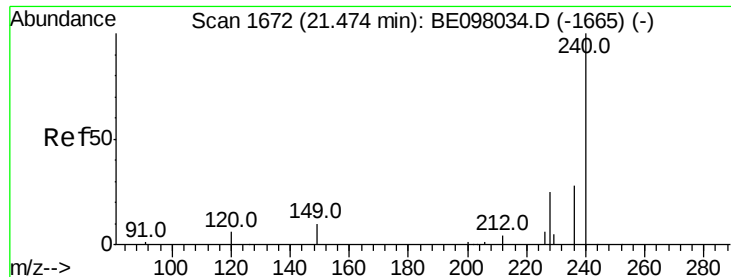


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

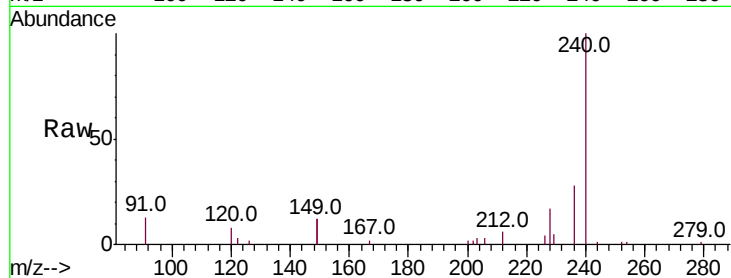
Tot Ion:240 Resp: 10635

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 28.0 21.3 31.9

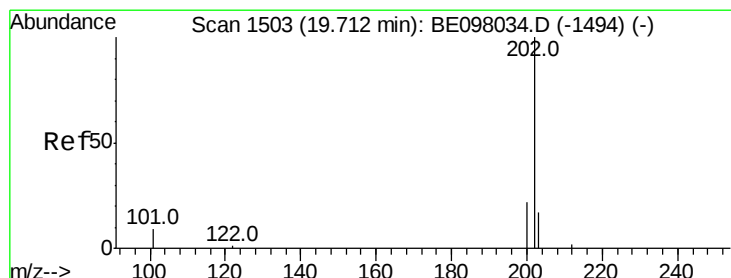
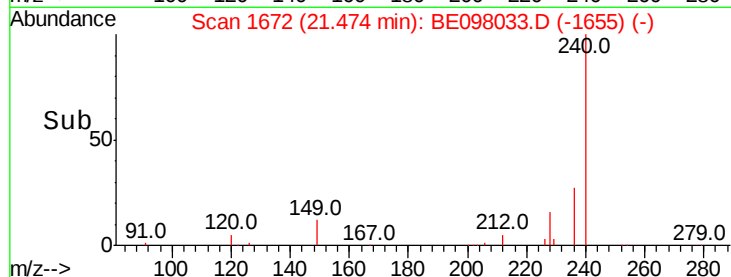
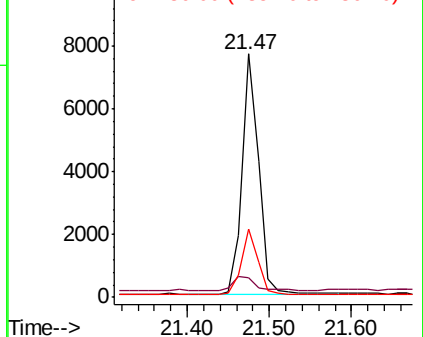


Abundance

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: 0.198 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

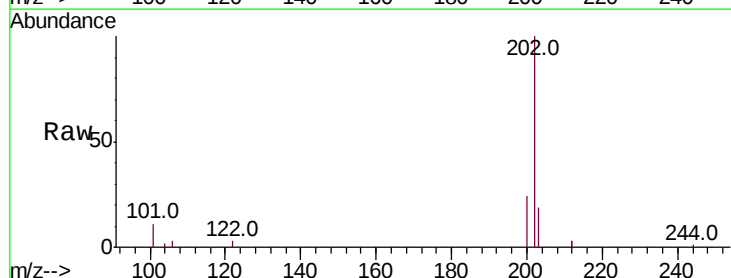
Tgt Ion:202 Resp: 6079

Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 17.3 14.2 21.4

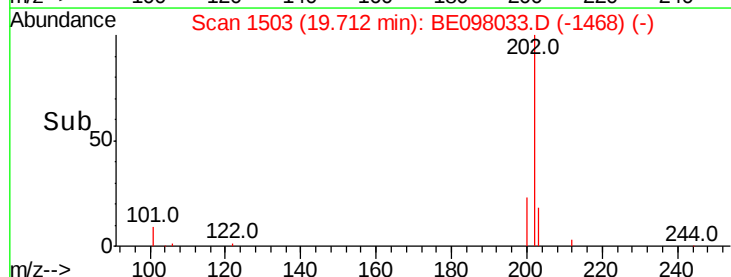
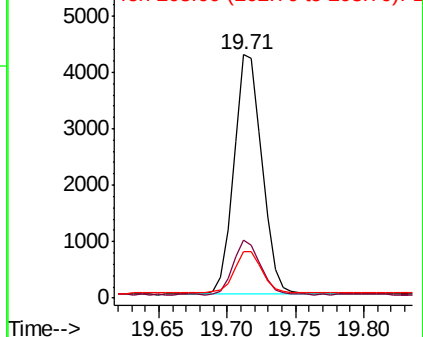


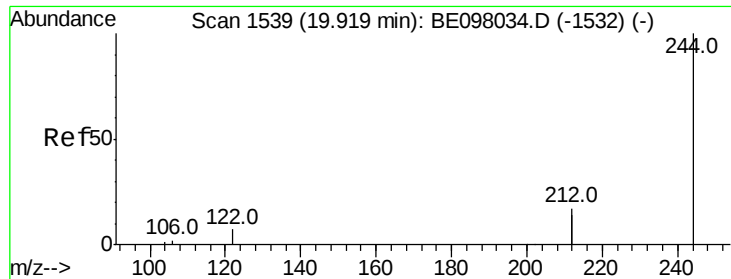
Abundance

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: 0.221 ng

RT: 19.92 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

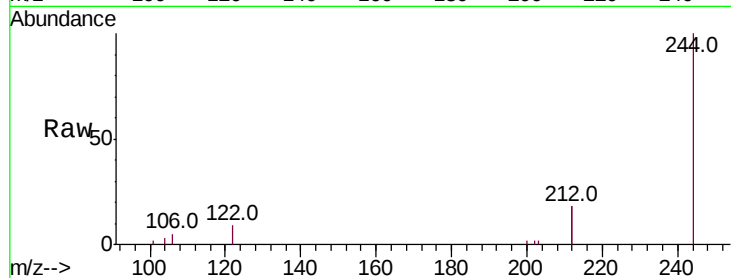
Tot Ion:244 Resp: 5390

Ion Ratio Lower Upper

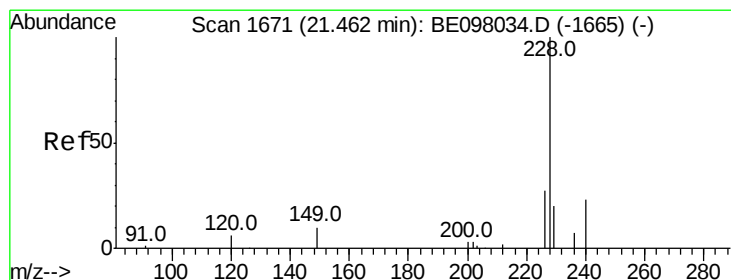
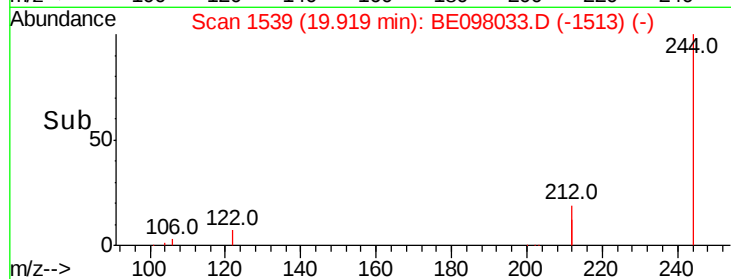
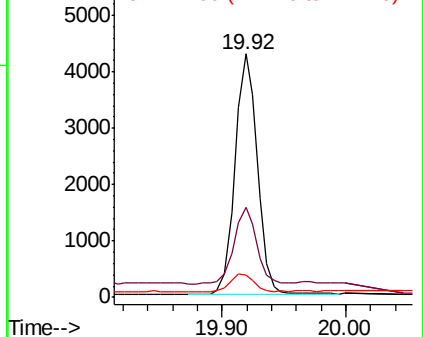
244 100

212 36.7 26.2 39.2

122 9.1 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.202 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

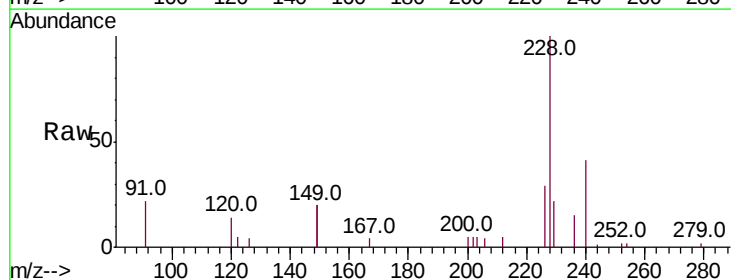
Tgt Ion:228 Resp: 6587

Ion Ratio Lower Upper

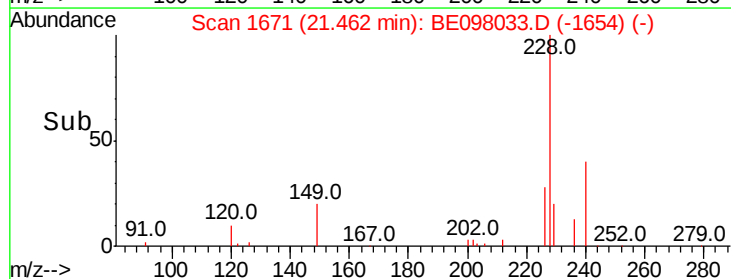
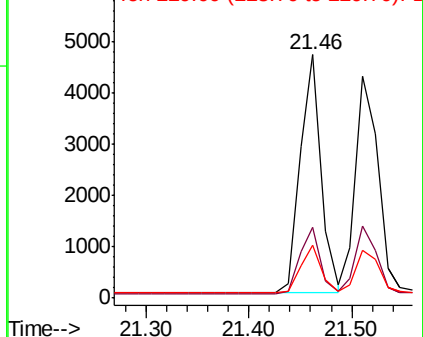
228 100

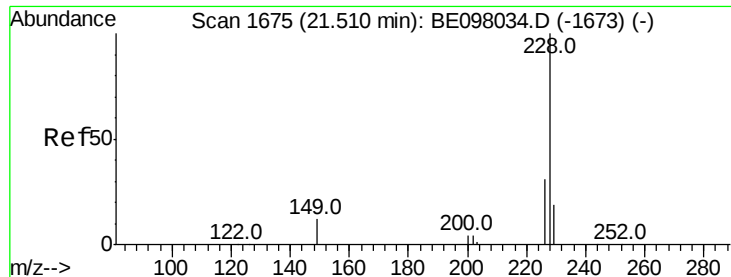
226 29.0 22.6 33.8

229 22.0 16.9 25.3



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: 0.205 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

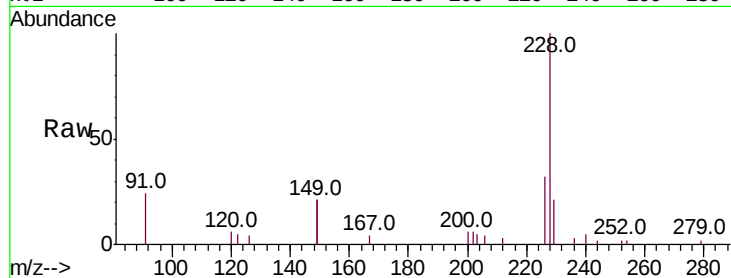
Tot Ion:228 Resp: 6325

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

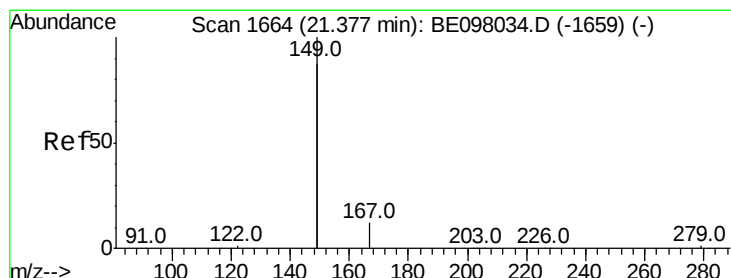
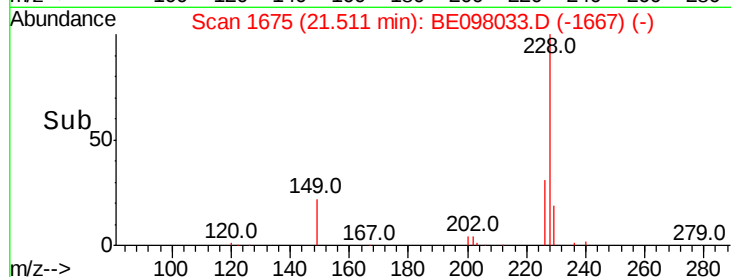
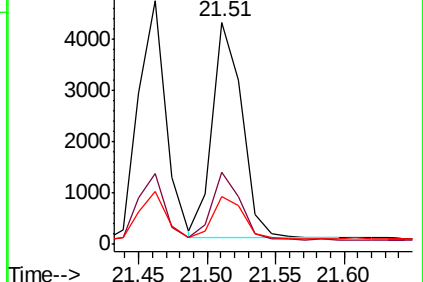
229 21.3 17.3 25.9



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: 0.208 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

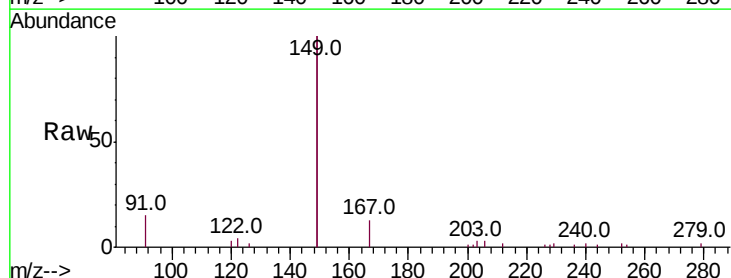
Tgt Ion:149 Resp: 15821

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

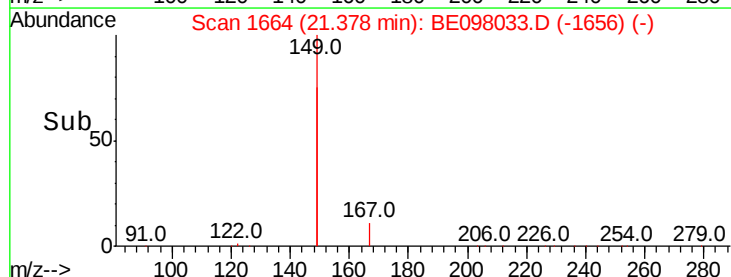
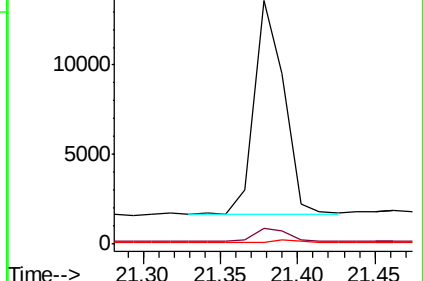
279 1.3 0.9 1.3#

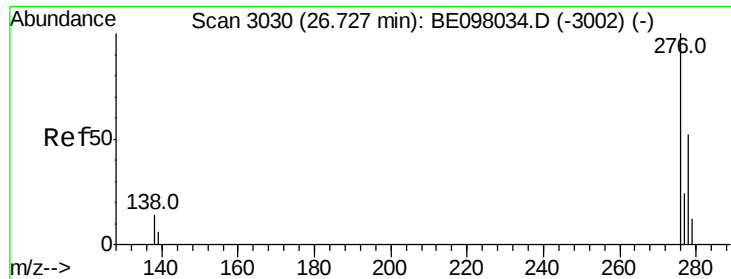


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

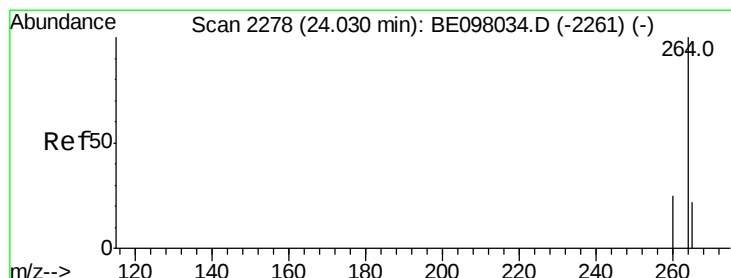
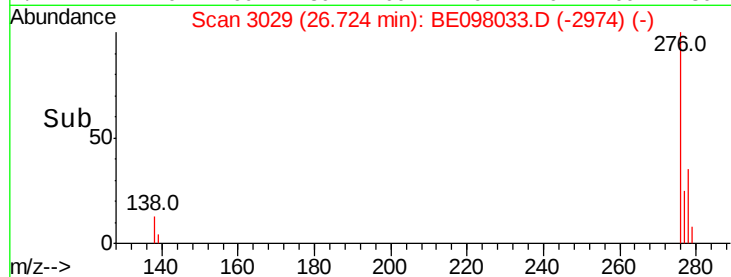
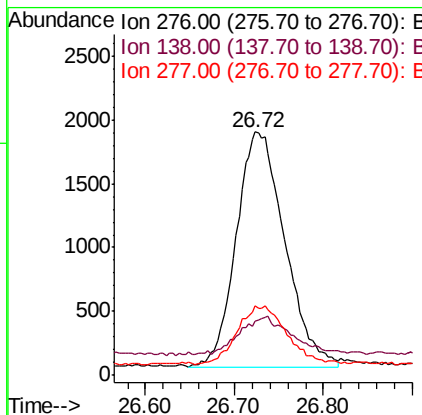
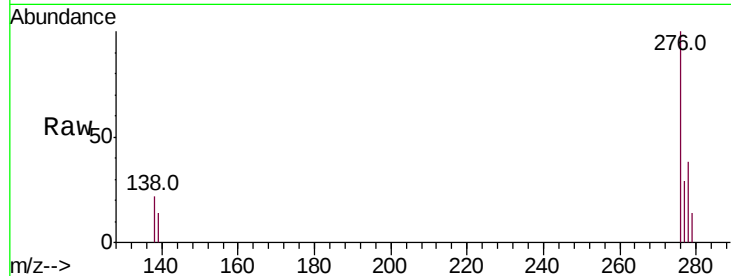




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.210 ng
 RT: 26.72 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: BE098033.D
 Acq: 24 Oct 2018 10:47

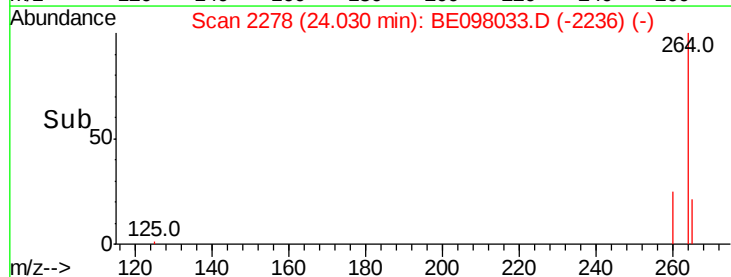
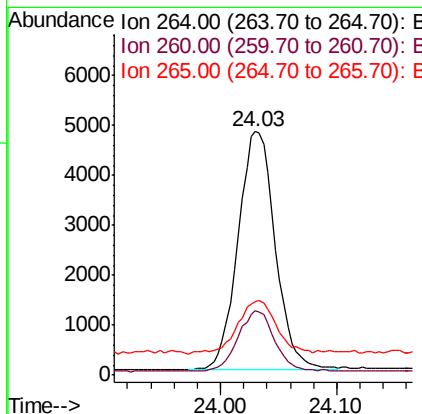
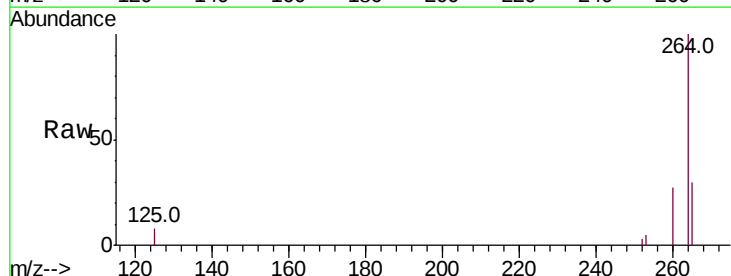
Instrument :
 BNA_E
 ClientSampleId :

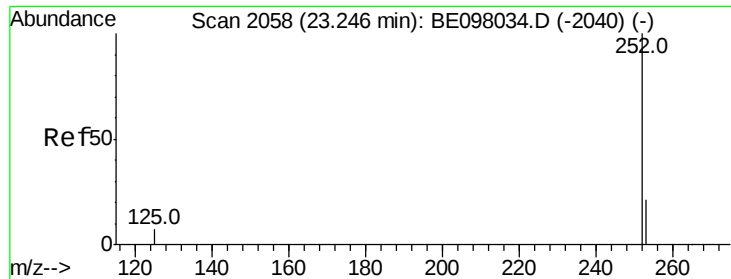
Tot Ion:276 Resp: 6959
 Ion Ratio Lower Upper
 276 100
 138 17.2 17.0 25.6
 277 25.3 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE098033.D
 Acq: 24 Oct 2018 10:47

Tgt Ion:264 Resp: 10600
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.1 31.7
 265 30.1 29.2 43.8





#35

Benzo(b)fluoranthene

Concen: 0.201 ng

RT: 23.25 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

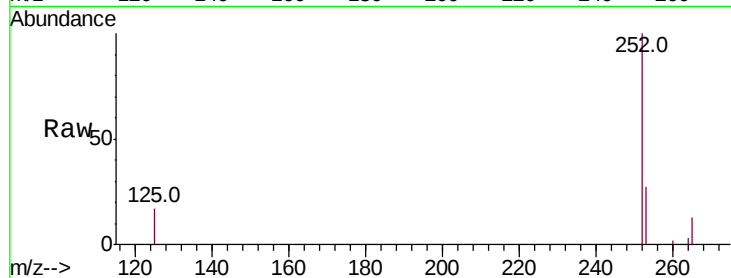
Tot Ion:252 Resp: 6131

Ion Ratio Lower Upper

252 100

253 27.4 20.6 31.0

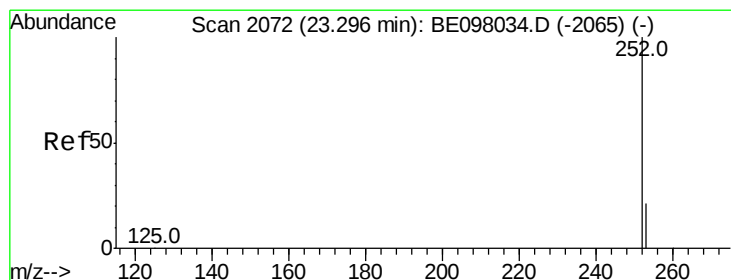
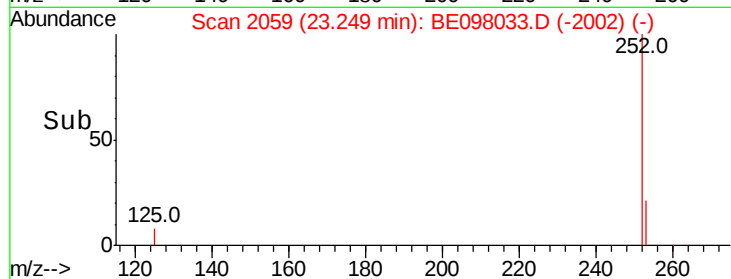
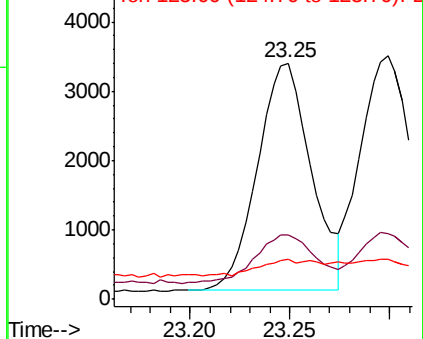
125 17.0 14.3 21.5



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: 0.195 ng

RT: 23.30 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

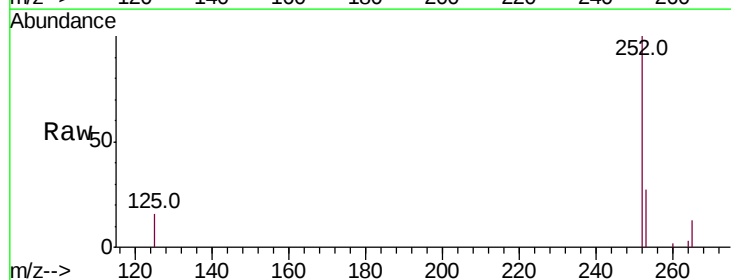
Tgt Ion:252 Resp: 6210

Ion Ratio Lower Upper

252 100

253 27.0 20.4 30.6

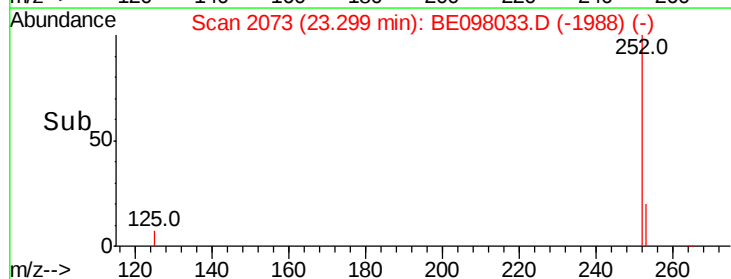
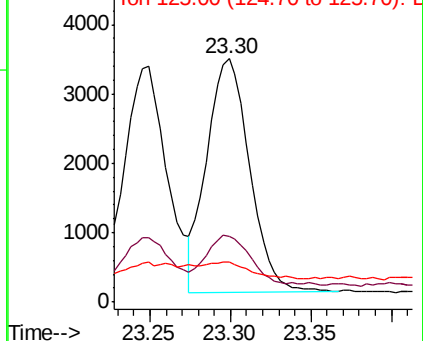
125 16.4 14.6 21.8

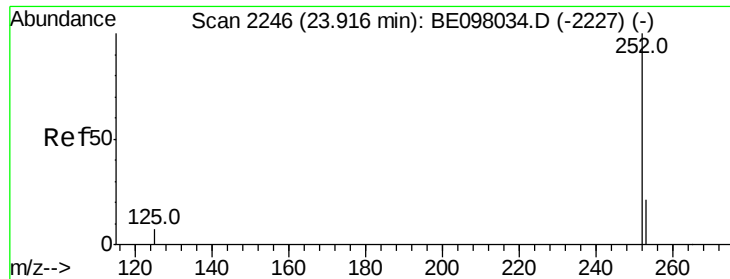


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.202 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :

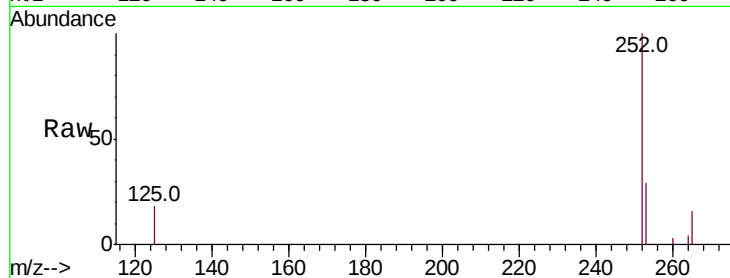
Tot Ion:252 Resp: 5993

Ion Ratio Lower Upper

252 100

253 28.9 20.6 31.0

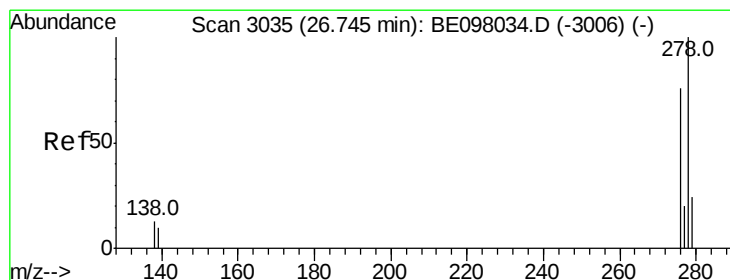
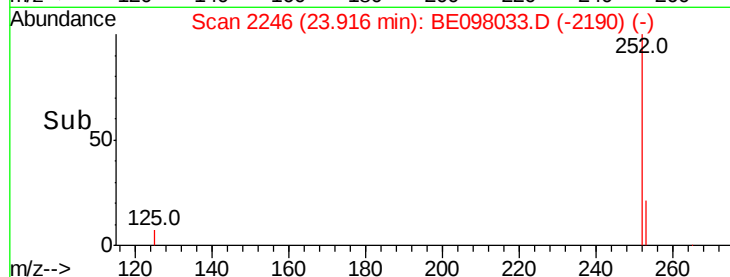
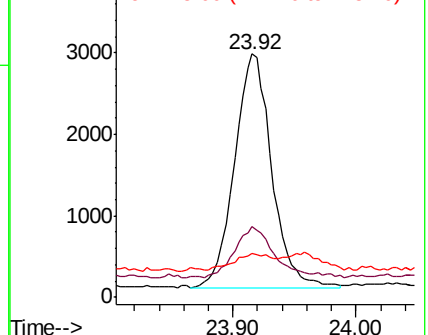
125 17.8 15.6 23.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.199 ng

RT: 26.76 min Scan# 3038

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

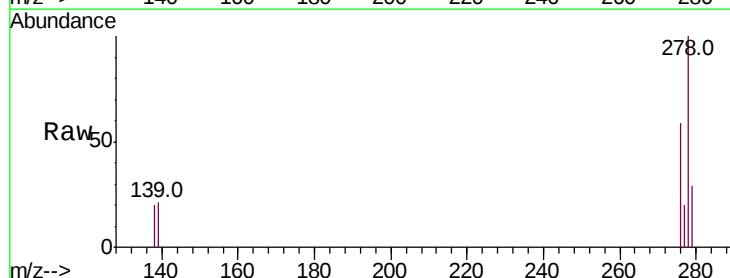
Tgt Ion:278 Resp: 5786

Ion Ratio Lower Upper

278 100

139 20.9 16.3 24.5

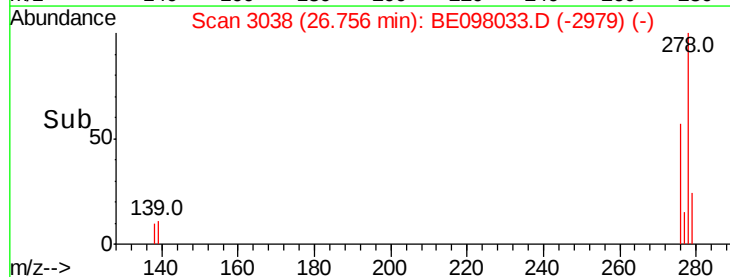
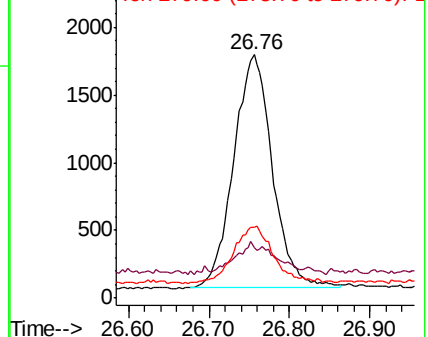
279 29.1 21.4 32.2

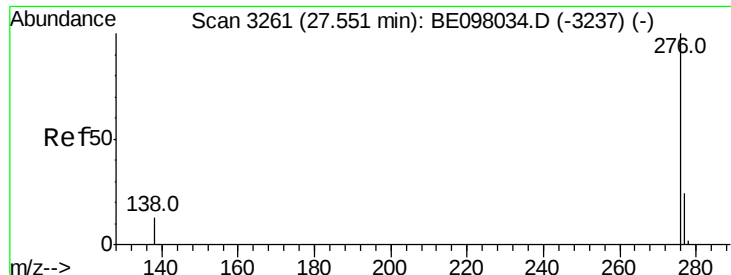


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.194 ng

RT: 27.55 min Scan# 3262

Delta R.T. 0.00 min

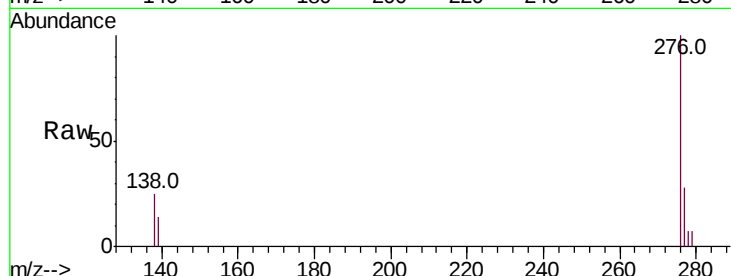
Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA_E

ClientSampleId :



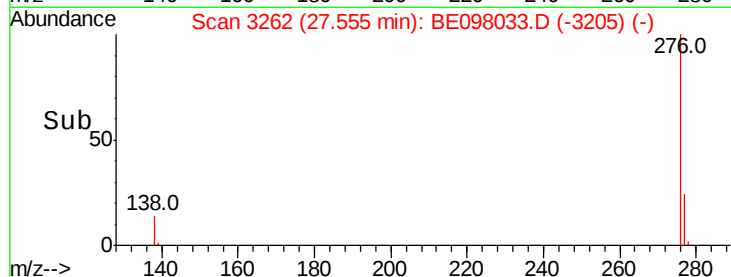
Tot Ion: 276 Resp: 5792

Ion Ratio Lower Upper

276 100

277 28.0 22.1 33.1

138 24.5 19.3 28.9



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

