

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098032.D
 Acq On : 24 Oct 2018 10:11
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 11:57:38 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	1135	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5412	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3823	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9066	0.40	ng	0.00
27) Chrysene-d12	21.48	240	10579	0.40	ng	0.00
34) Perylene-d12	24.03	264	10556	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	366	0.10	ng	0.00
5) Phenol-d6	7.06	99	635	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	563	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	1032	0.11	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	216	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1724	0.11	ng	0.00
25) Fluoranthene-d10	19.33	212	12100	0.10	ng	0.00
29) Terphenyl-d14	19.92	244	2805	0.12	ng	0.00

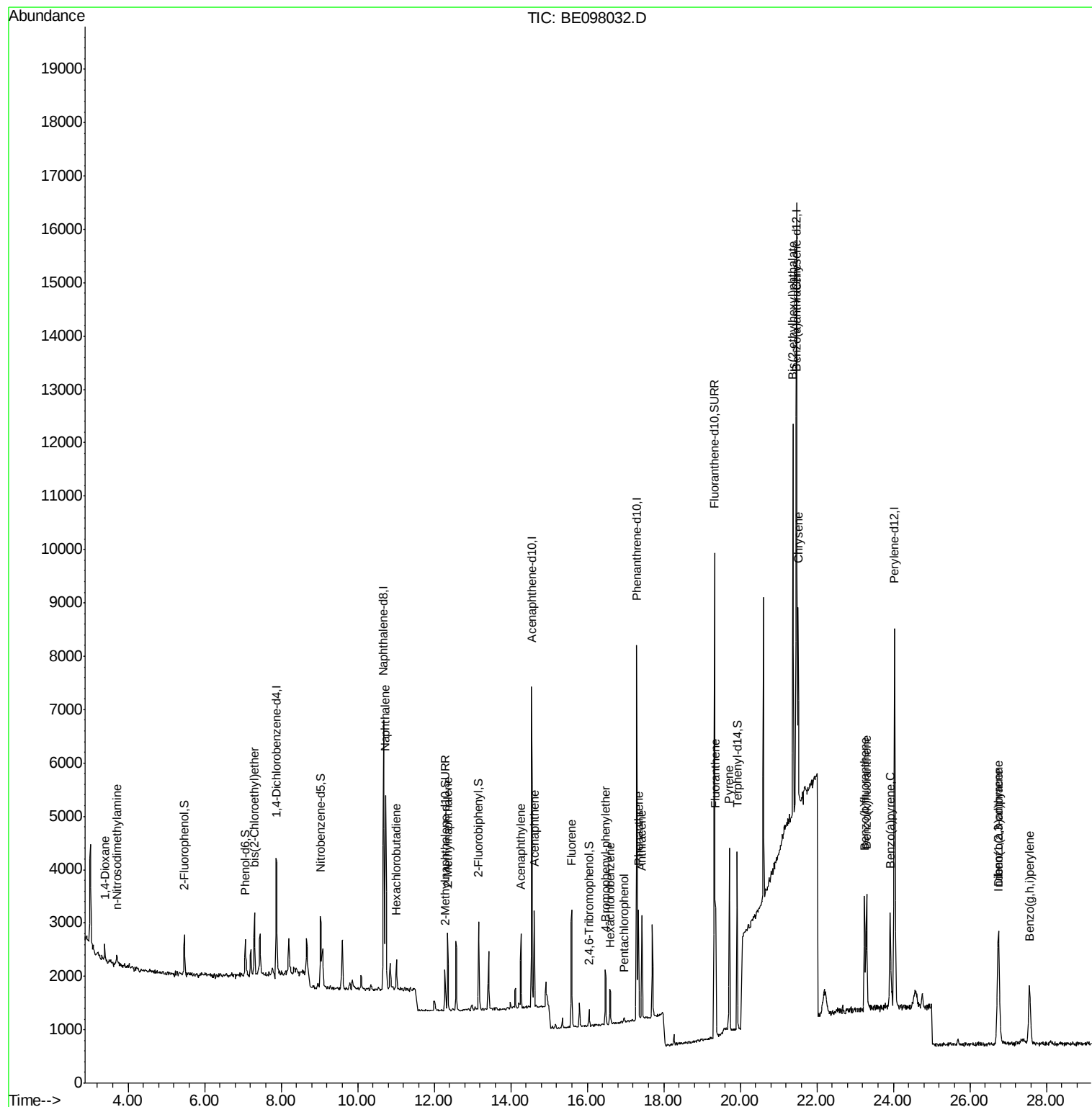
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	180	0.091	ng	# 92
3) n-Nitrosodimethylamine	3.70	42	227	0.103	ng	# 73
6) bis(2-Chloroethyl)ether	7.30	93	459	0.102	ng	92
9) Naphthalene	10.73	128	5592	0.104	ng	# 97
10) Hexachlorobutadiene	11.02	225	387	0.133	ng	97
12) 2-Methylnaphthalene	12.35	142	1054	0.114	ng	# 93
16) Acenaphthylene	14.27	152	1696	0.096	ng	98
17) Acenaphthene	14.61	154	1043	0.097	ng	98
18) Fluorene	15.59	166	1467	0.099	ng	97
20) 4-Bromophenyl-phenylether	16.49	248	544	0.110	ng	83
21) Hexachlorobenzene	16.60	284	576	0.118	ng	91
22) Pentachlorophenol	16.97	266	76	0.054	ng	# 63
23) Phenanthrene	17.34	178	2320	0.101	ng	96
24) Anthracene	17.42	178	2280	0.105	ng	99
26) Fluoranthene	19.35	202	2850	0.094	ng	99
28) Pyrene	19.72	202	3135	0.103	ng	100
30) Benzo(a)anthracene	21.46	228	3242	0.100	ng	94
31) Chrysene	21.51	228	3204	0.104	ng	96
32) Bis(2-ethylhexyl)phthalate	21.38	149	8462	0.112	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.73	276	3425	0.104	ng	# 89
35) Benzo(b)fluoranthene	23.25	252	3084	0.102	ng	# 83
36) Benzo(k)fluoranthene	23.30	252	3153	0.100	ng	# 85
37) Benzo(a)pyrene	23.92	252	3040	0.103	ng	# 78
38) Dibenzo(a,h)anthracene	26.75	278	2879	0.099	ng	# 82
39) Benzo(g,h,i)perylene	27.55	276	2875	0.097	ng	# 90

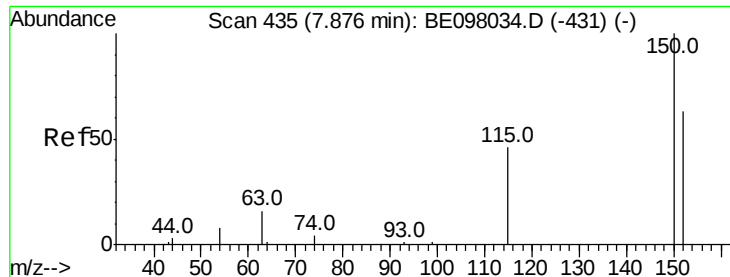
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

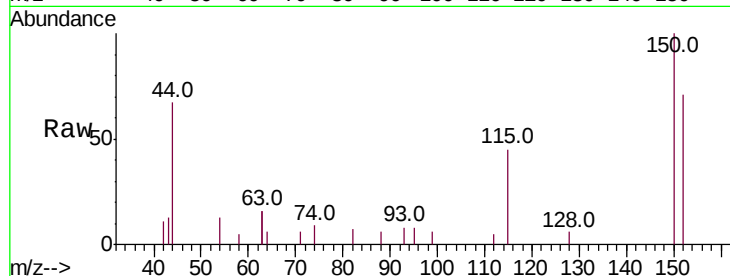
Tot Ion:152 Resp: 1135

Ion Ratio Lower Upper

152 100

150 140.8 118.2 177.4

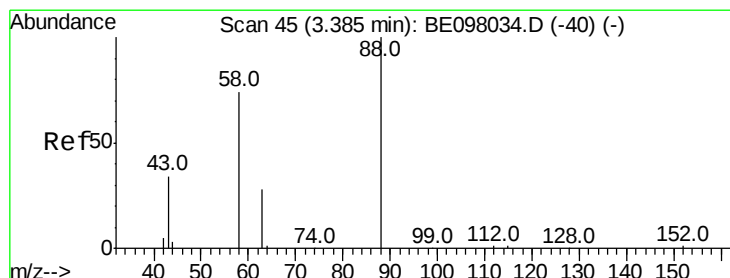
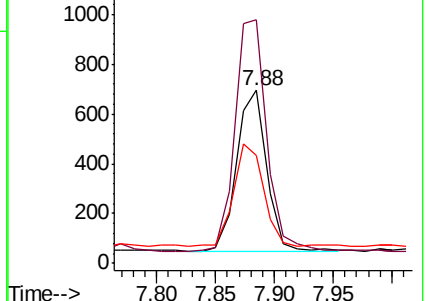
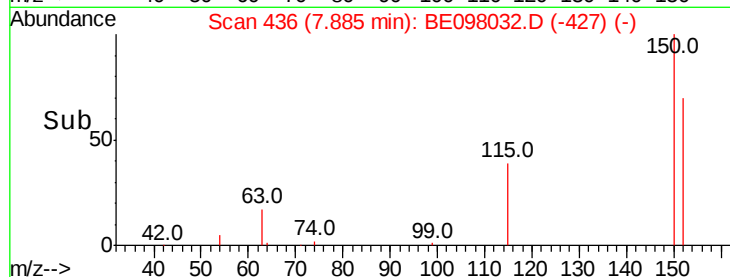
115 62.7 50.9 76.3



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: 0.091 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

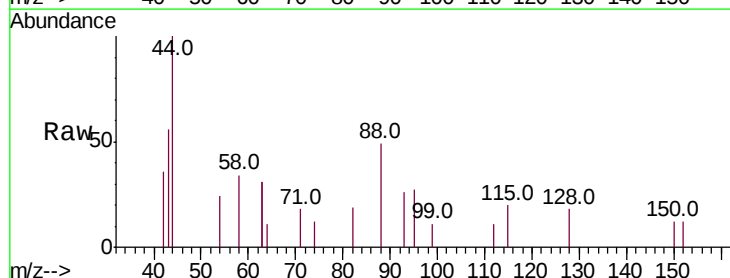
Tgt Ion: 88 Resp: 180

Ion Ratio Lower Upper

88 100

58 96.1 73.2 109.8

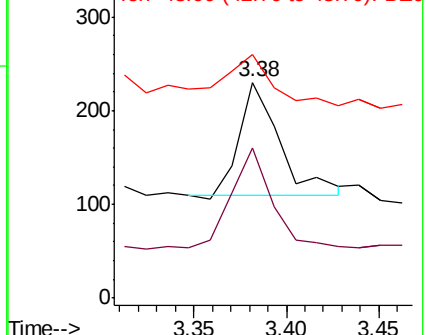
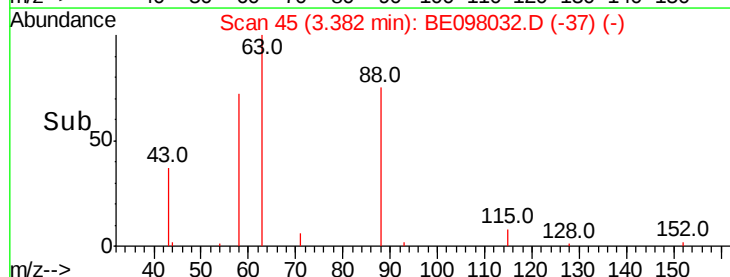
43 56.1 36.9 55.3#

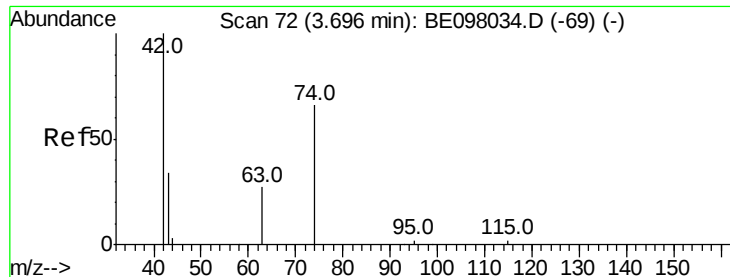


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampled :

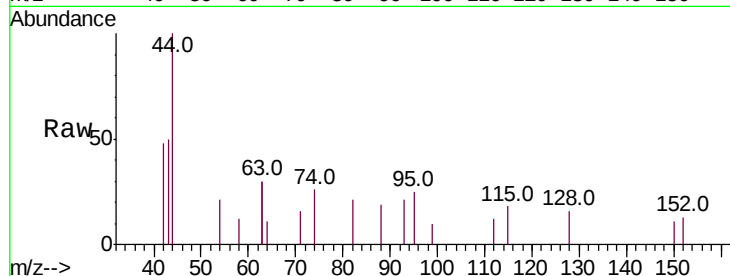
Tot Ion: 42 Resp: 227

Ion Ratio Lower Upper

42 100

74 70.5 77.6 116.4#

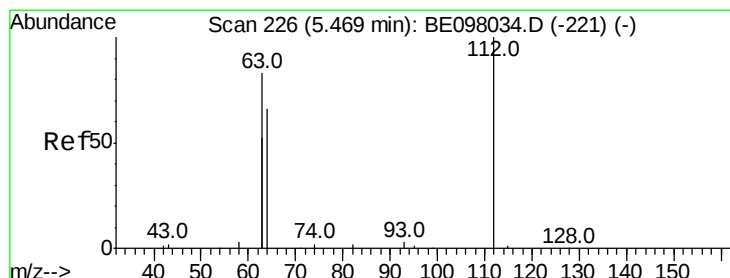
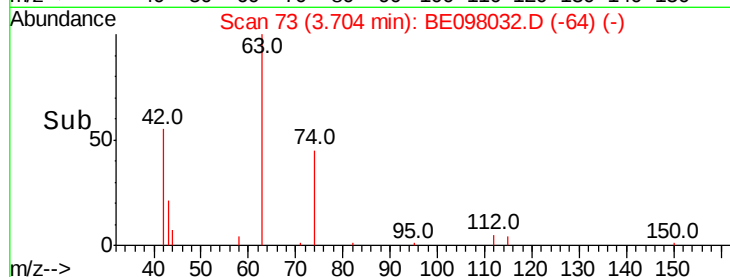
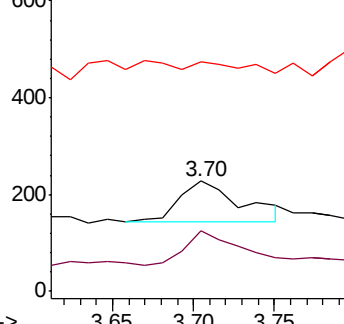
44 0.0 7.6 11.4#



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: 0.102 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

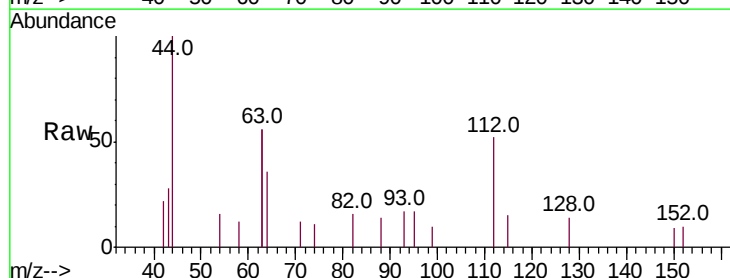
Tgt Ion: 112 Resp: 366

Ion Ratio Lower Upper

112 100

64 77.6 58.9 88.3

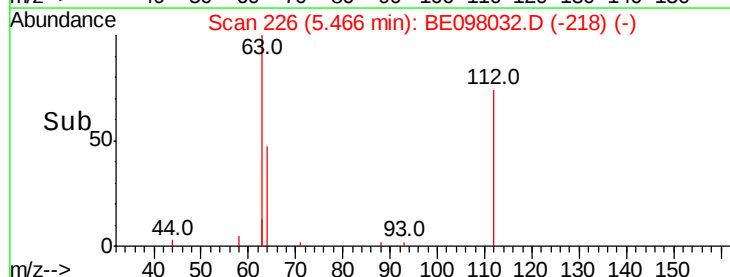
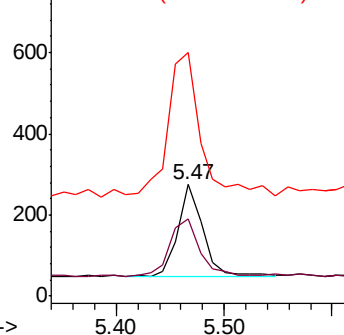
63 198.6 120.3 180.5#

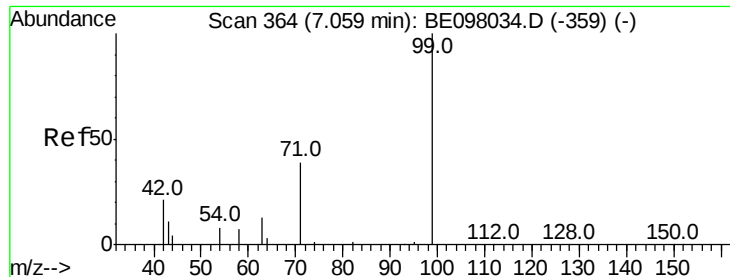


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.120 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampled :

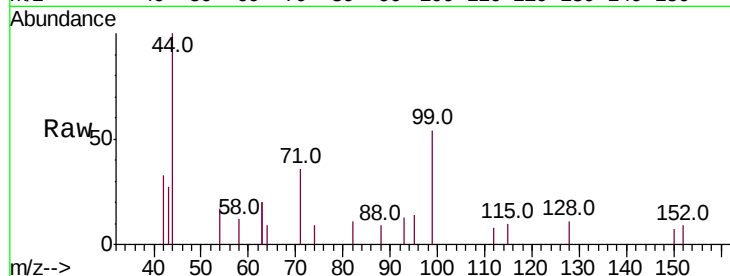
Tot Ion: 99 Resp: 635

Ion Ratio Lower Upper

99 100

42 40.3 19.9 29.9#

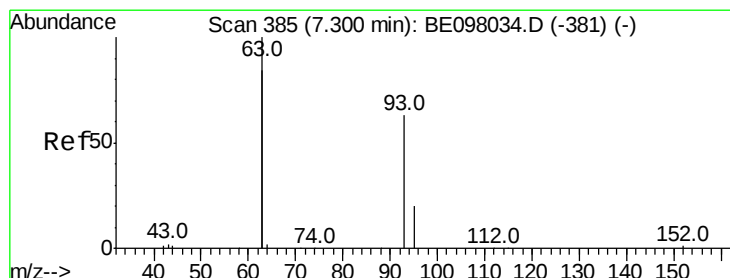
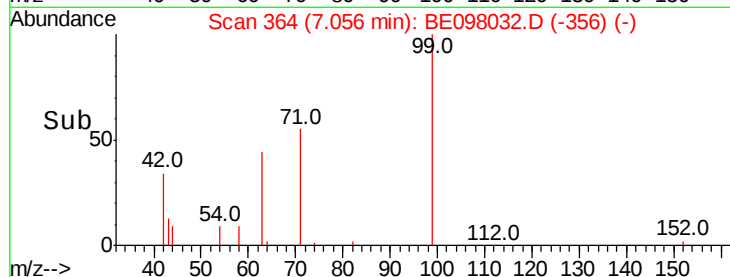
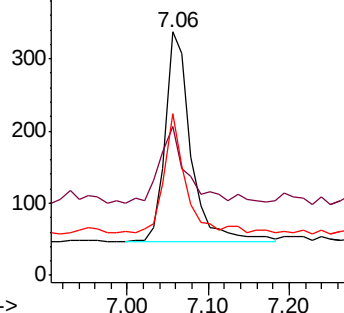
71 47.7 27.8 41.8#



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: 0.102 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

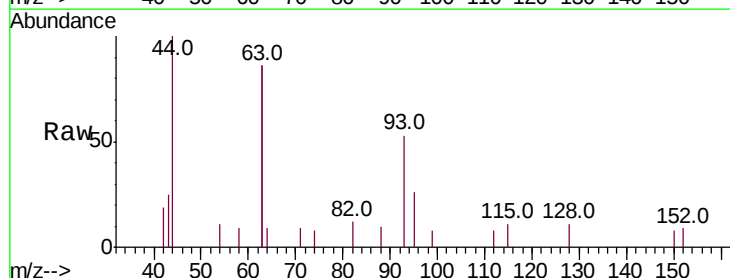
Tgt Ion: 93 Resp: 459

Ion Ratio Lower Upper

93 100

63 306.5 259.0 388.4

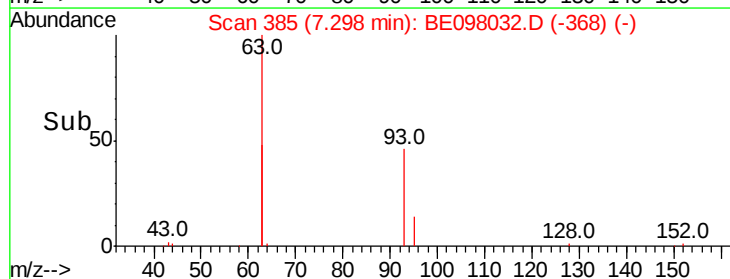
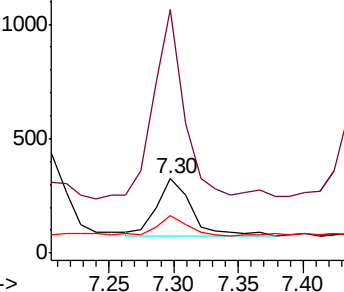
95 30.5 27.8 41.8

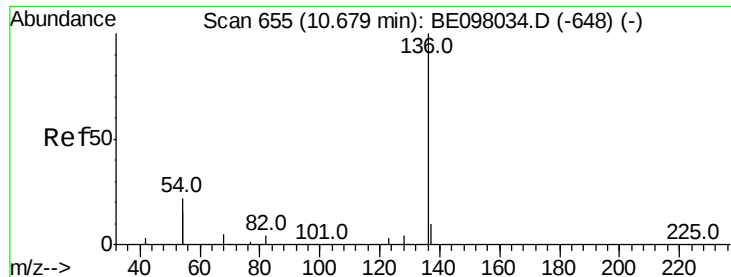


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5412

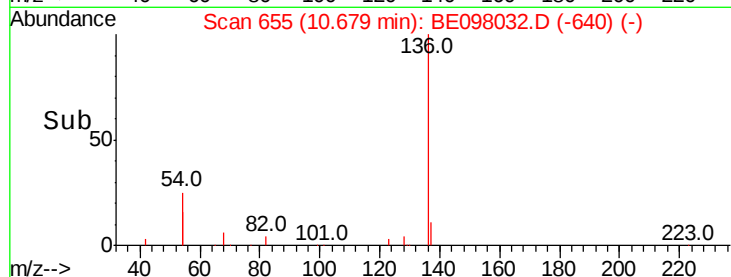
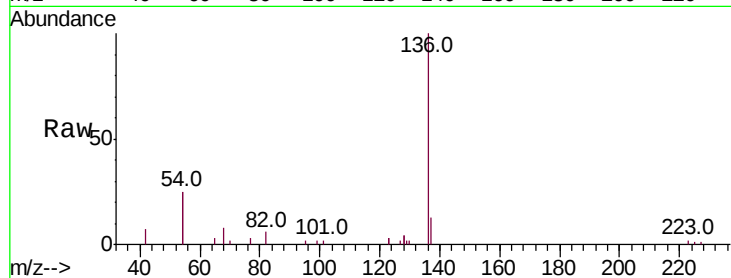
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 49.9 27.7 41.5#

68 7.7 5.3 7.9

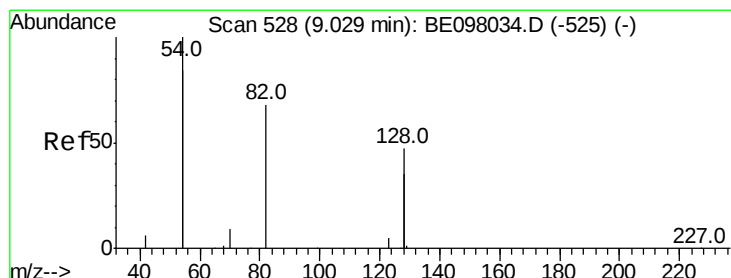
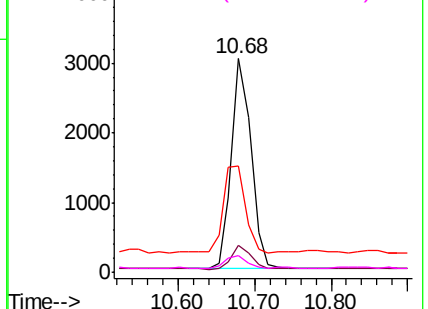


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.110 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

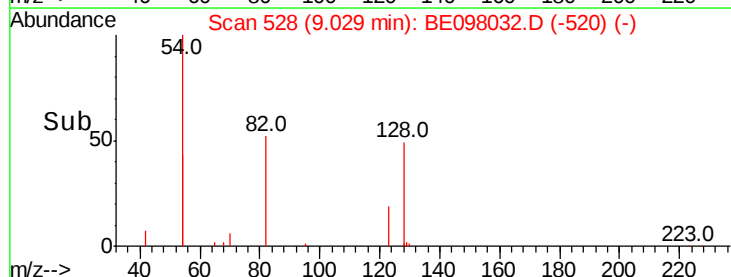
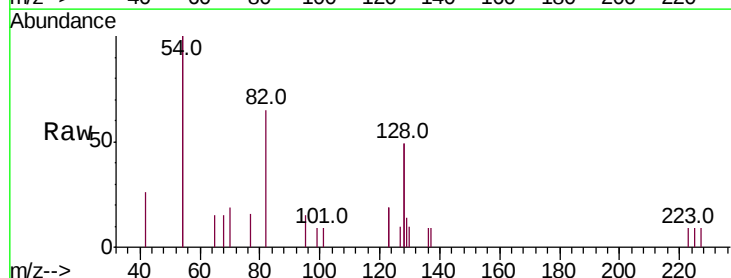
Tgt Ion: 82 Resp: 563

Ion Ratio Lower Upper

82 100

128 153.2 129.9 194.9

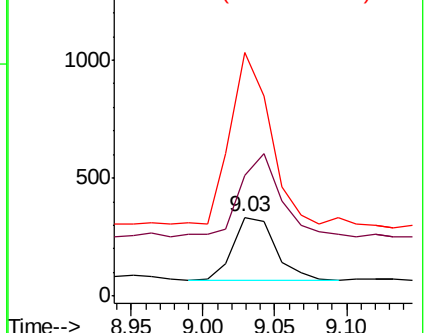
54 309.9 174.0 261.0#

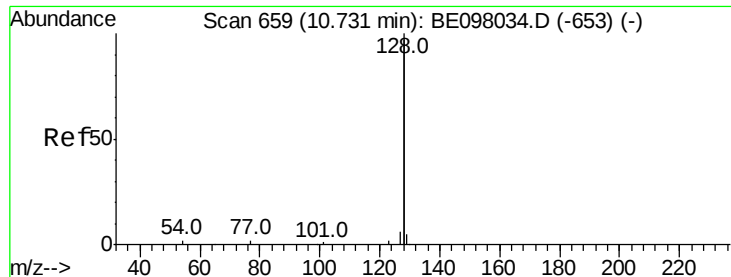


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

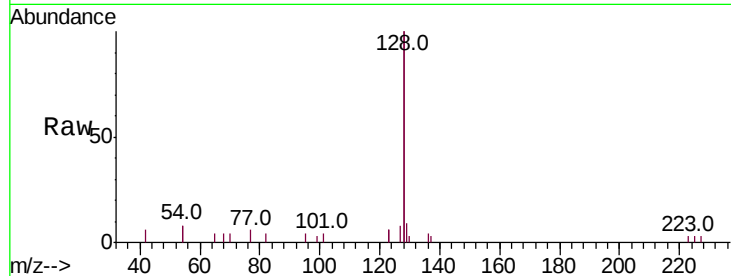




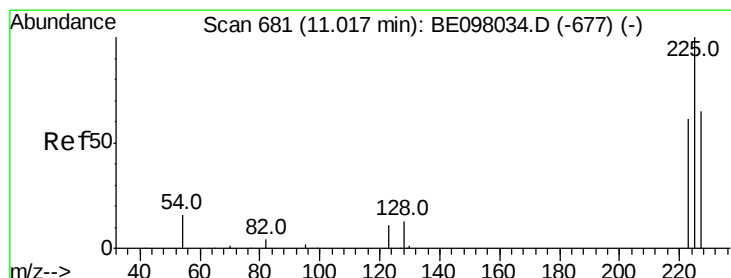
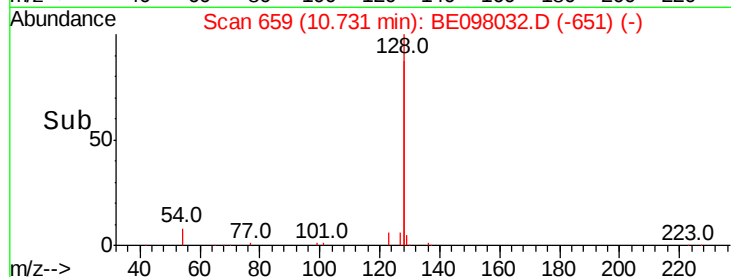
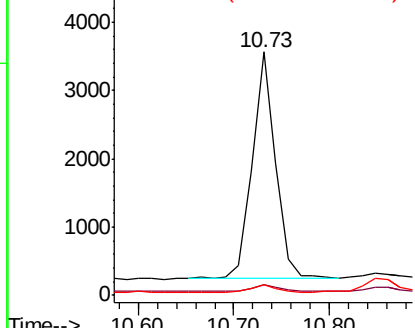
#9
Naphthalene
Concen: 0.104 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 5592
Ion Ratio Lower Upper
128 100
129 4.3 2.5 3.7#
127 4.1 2.8 4.2

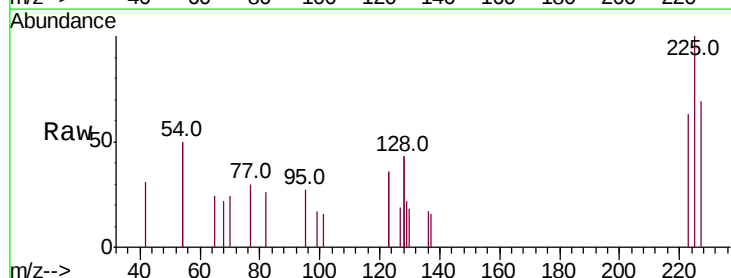


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

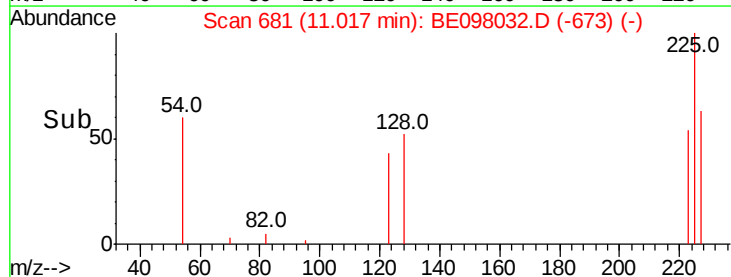
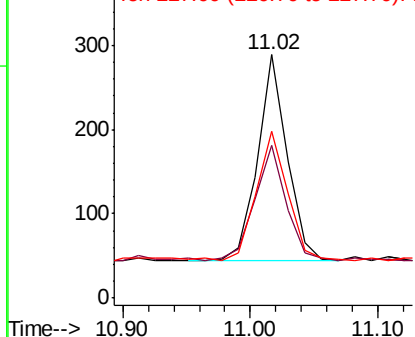


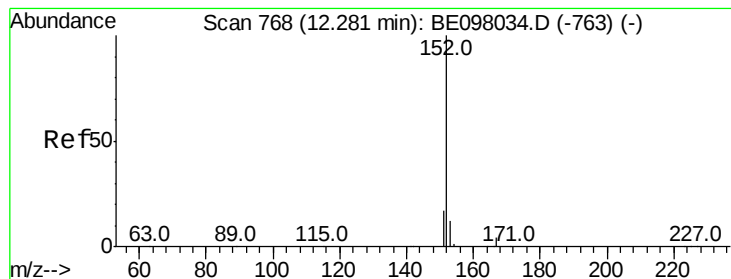
#10
Hexachlorobutadiene
Concen: 0.133 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:225 Resp: 387
Ion Ratio Lower Upper
225 100
223 60.5 51.8 77.8
227 65.4 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

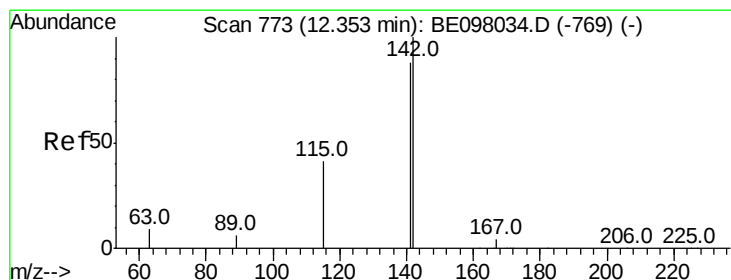
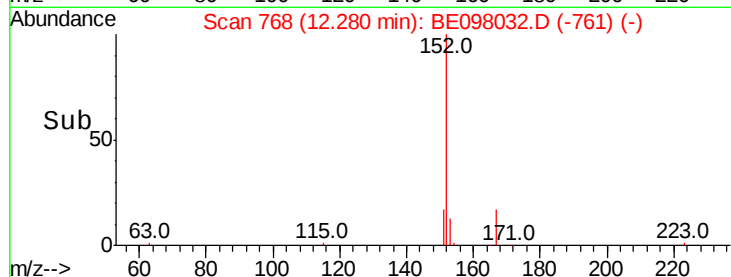
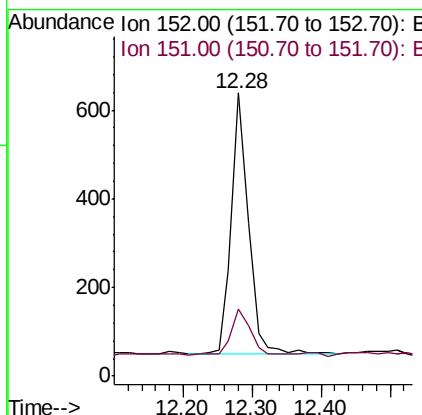
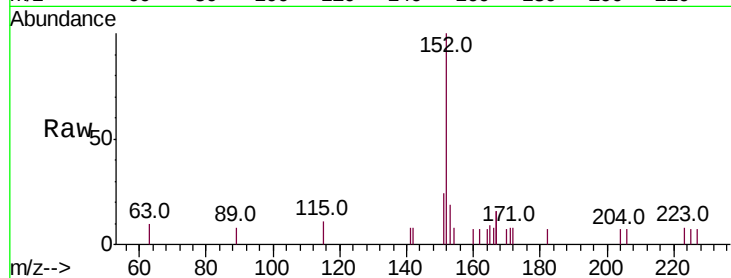




#11
 2-Methylnaphthalene-d10
 Concen: 0.115 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098032.D
 Acq: 24 Oct 2018 10:11

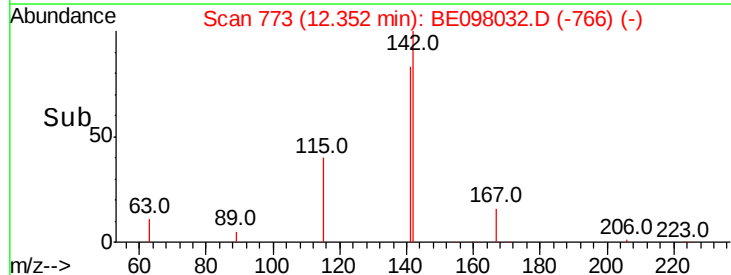
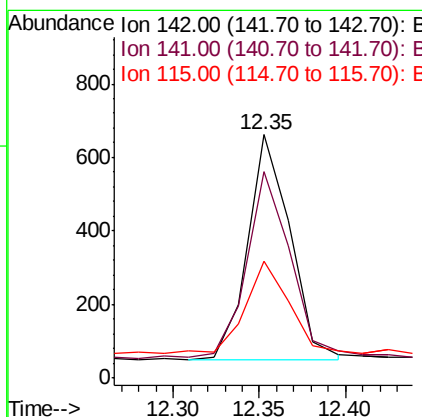
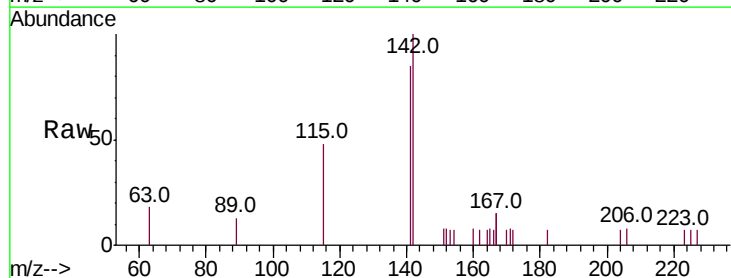
Instrument :
 BNA_E
 ClientSampleId :

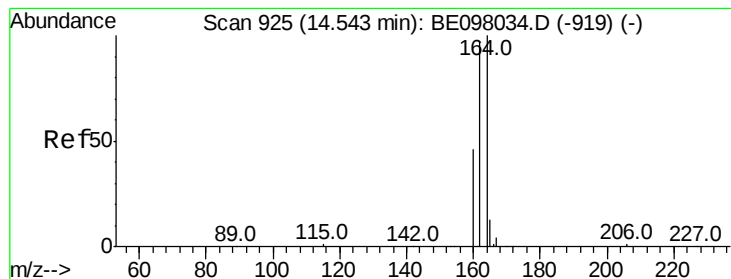
Tot Ion:152 Resp: 1032
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.114 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BE098032.D
 Acq: 24 Oct 2018 10:11

Tgt Ion:142 Resp: 1054
 Ion Ratio Lower Upper
 142 100
 141 84.7 69.8 104.6
 115 48.2 30.5 45.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

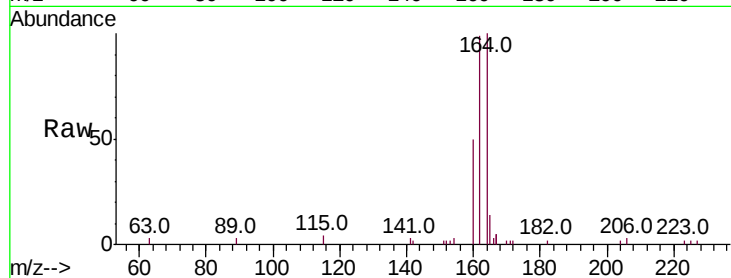
Tot Ion:164 Resp: 3823

Ion Ratio Lower Upper

164 100

162 99.3 77.4 116.2

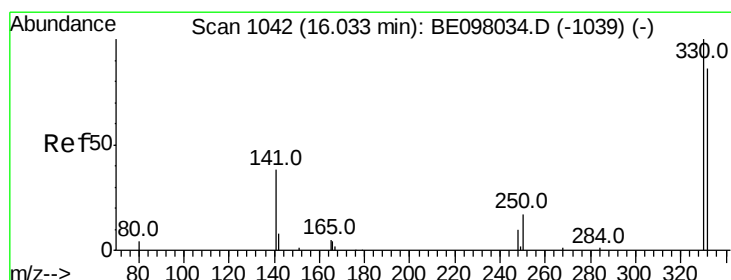
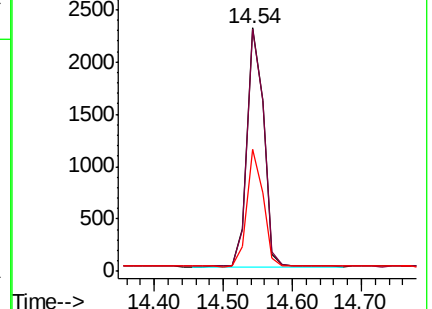
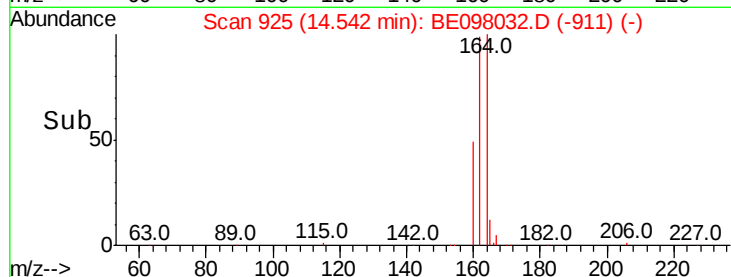
160 50.3 36.5 54.7



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: 0.105 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

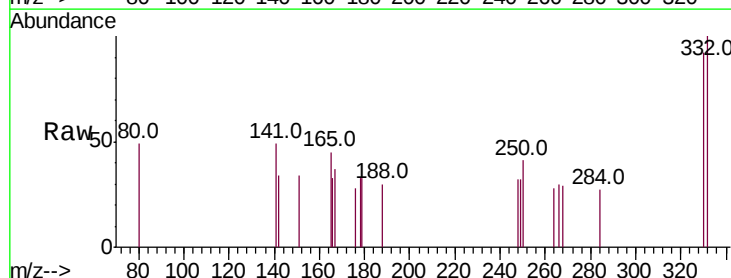
Tgt Ion:330 Resp: 216

Ion Ratio Lower Upper

330 100

332 94.4 76.5 114.7

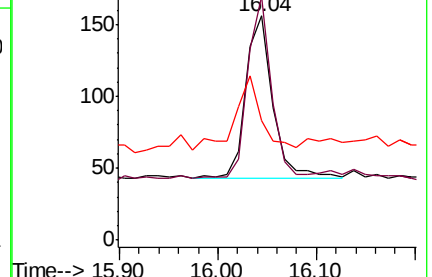
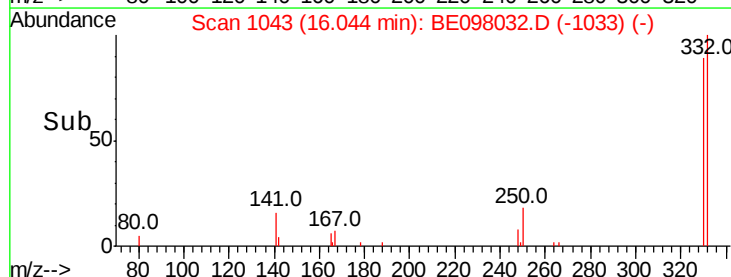
141 43.1 31.8 47.6

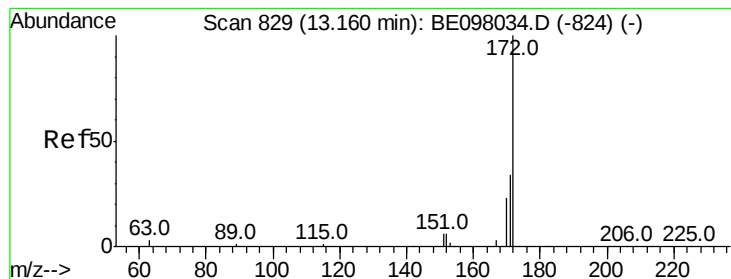


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.110 ng

RT: 13.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

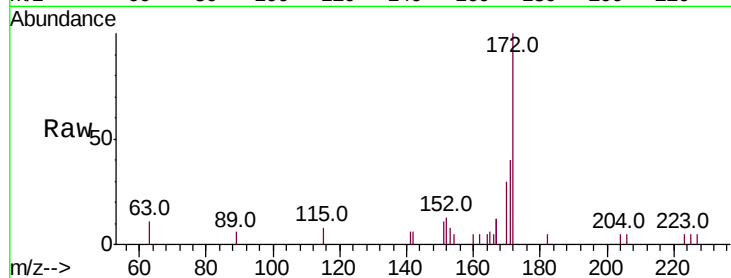
Tot Ion:172 Resp: 1724

Ion Ratio Lower Upper

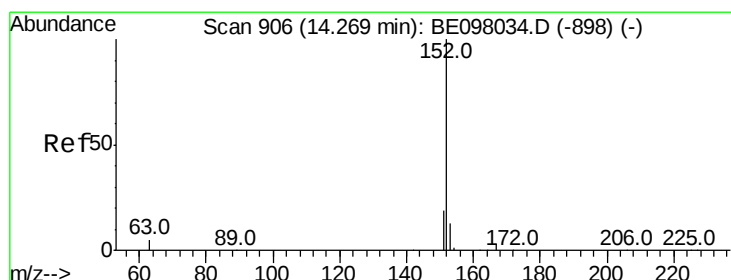
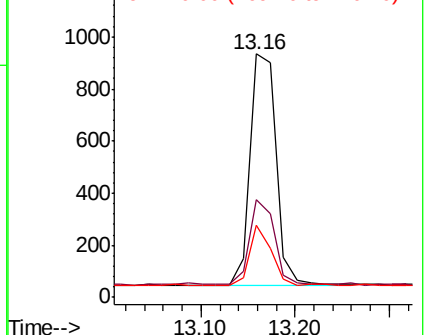
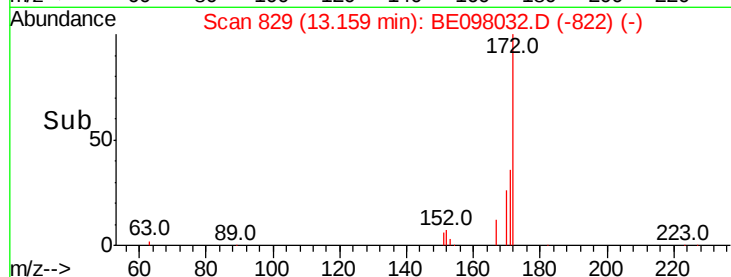
172 100

171 39.9 26.0 39.0#

170 29.5 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: 0.096 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

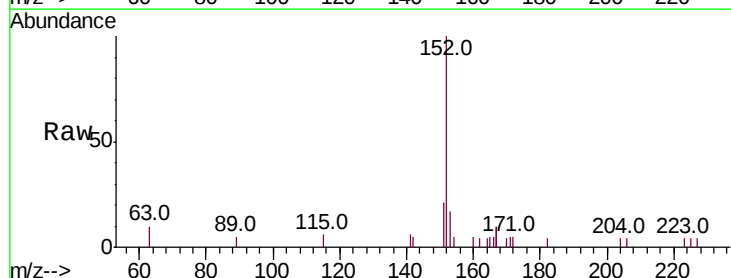
Tgt Ion:152 Resp: 1696

Ion Ratio Lower Upper

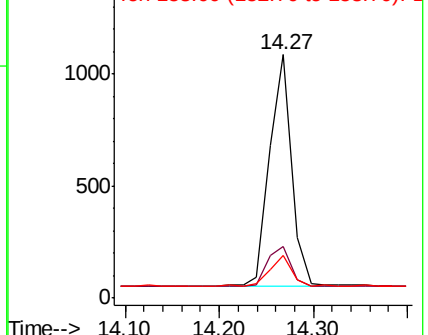
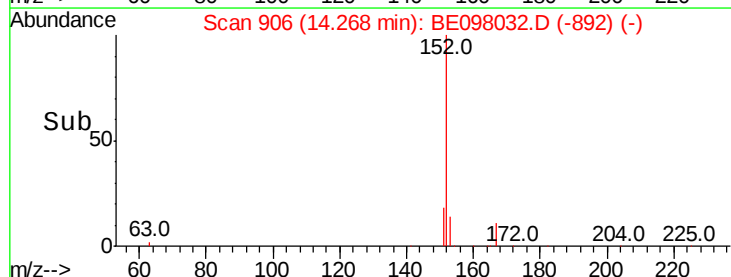
152 100

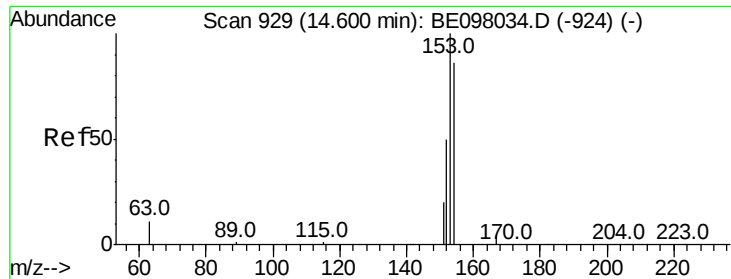
151 19.2 16.1 24.1

153 14.5 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: 0.097 ng

RT: 14.61 min Scan# 930

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampled :

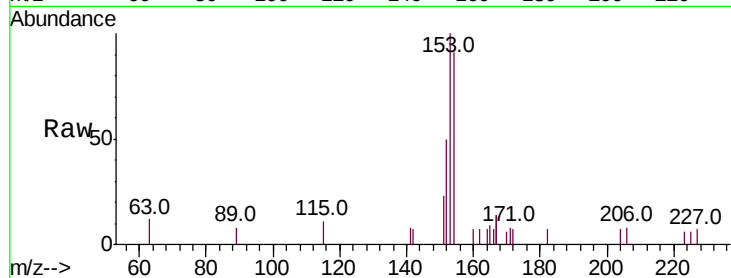
Tot Ion:154 Resp: 1043

Ion Ratio Lower Upper

154 100

153 117.9 92.6 139.0

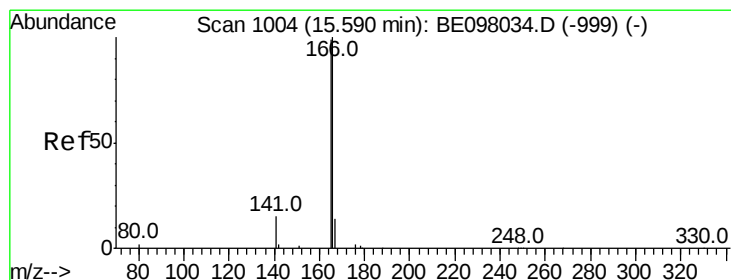
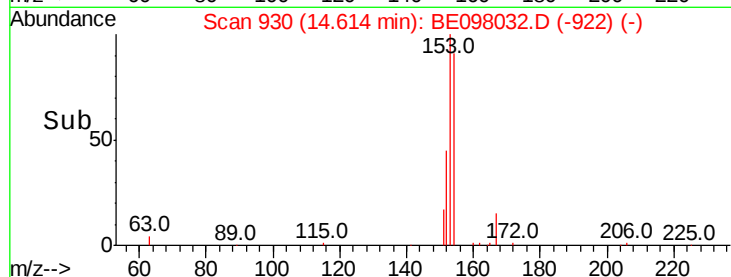
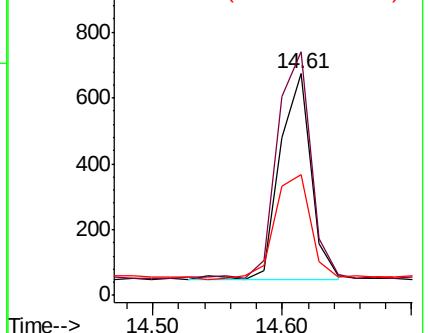
152 58.9 45.5 68.3



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



#18

Fluorene

Concen: 0.099 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

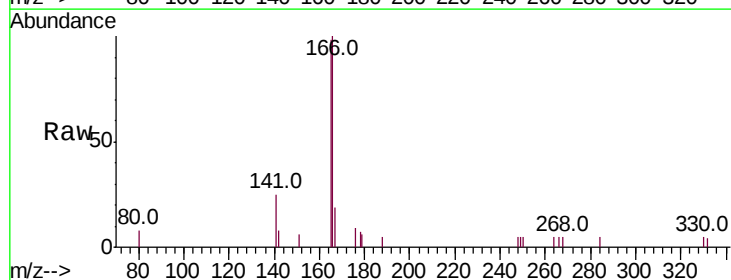
Tgt Ion:166 Resp: 1467

Ion Ratio Lower Upper

166 100

165 100.4 78.2 117.4

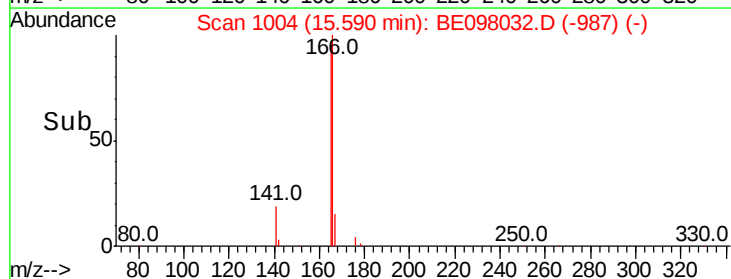
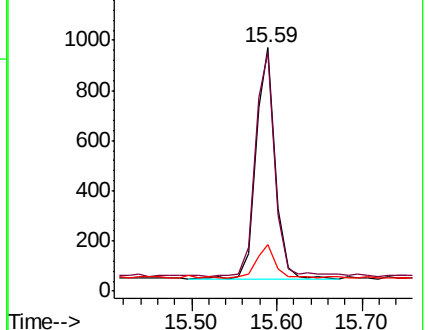
167 14.9 11.0 16.6

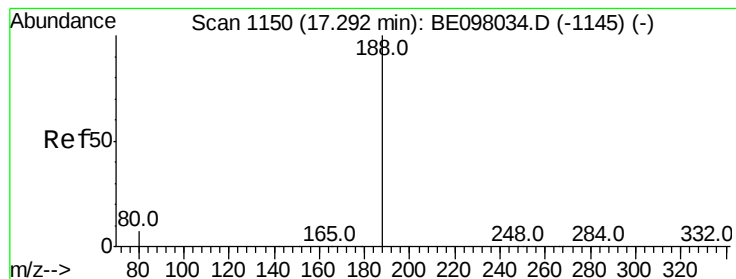


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

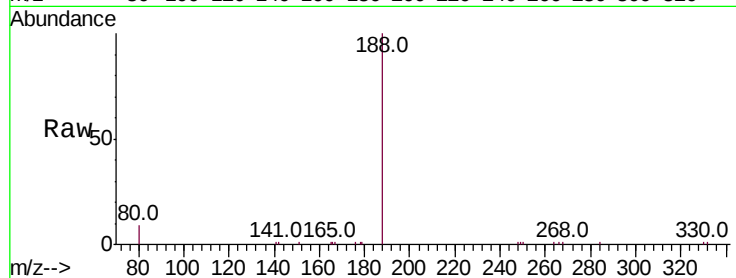
Tot Ion:188 Resp: 9066

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

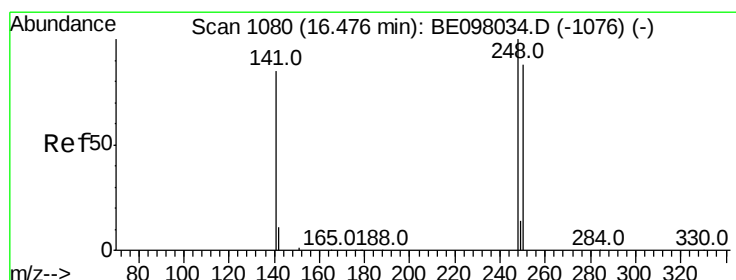
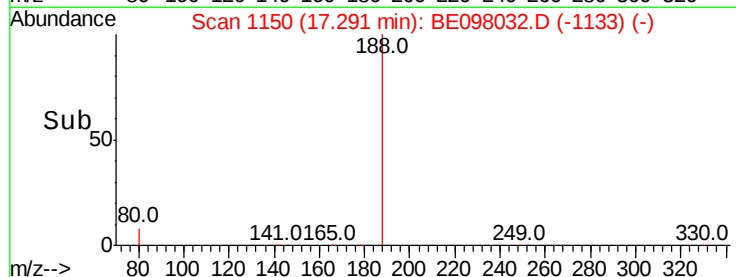
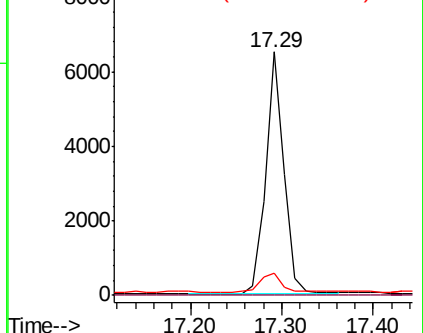
80 8.9 6.3 9.5



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: 0.110 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

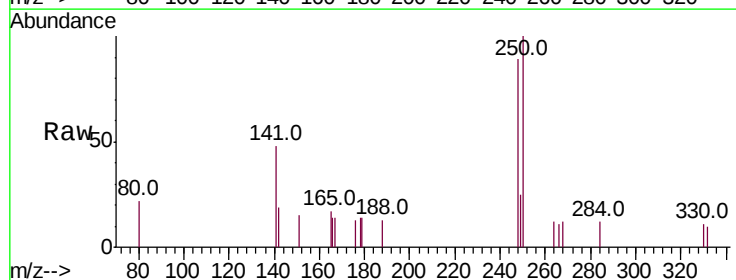
Tgt Ion:248 Resp: 544

Ion Ratio Lower Upper

248 100

250 112.3 75.1 112.7

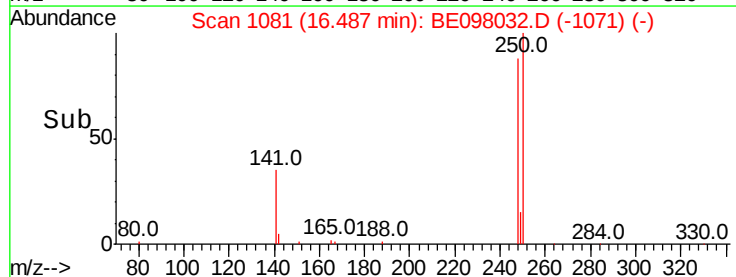
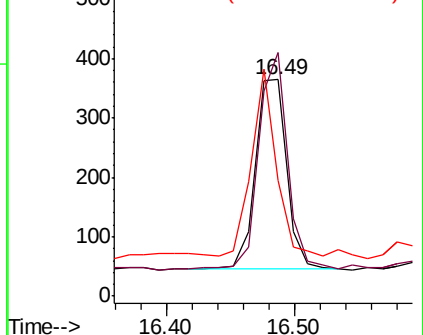
141 53.4 51.8 77.8

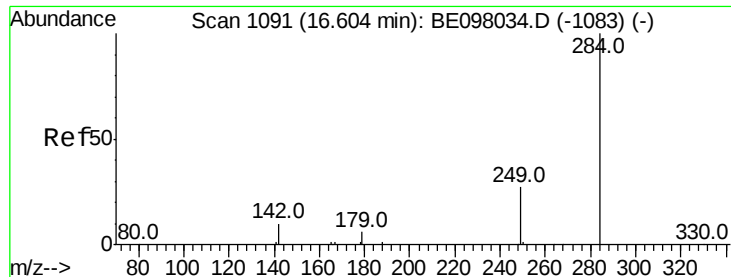


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.118 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

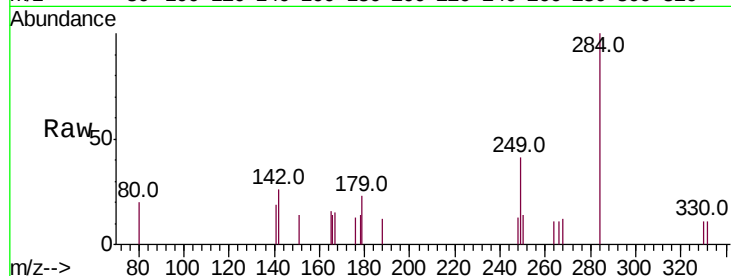
Instrument :

BNA_E

ClientSampleId :

Tot Ion:284 Resp: 576

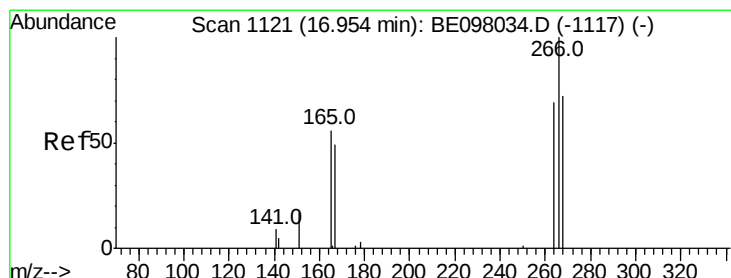
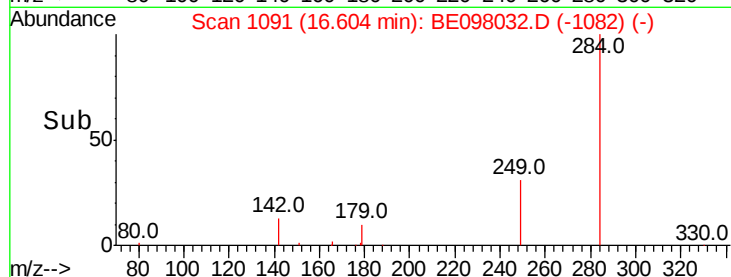
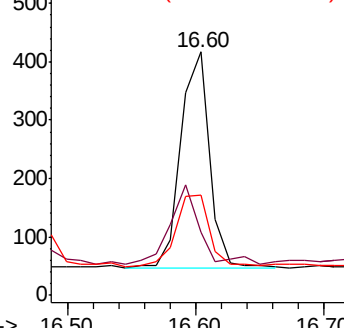
Ion	Ratio	Lower	Upper
284	100		
142	37.3	25.9	38.9
249	38.9	26.6	40.0



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: 0.054 ng

RT: 16.97 min Scan# 1122

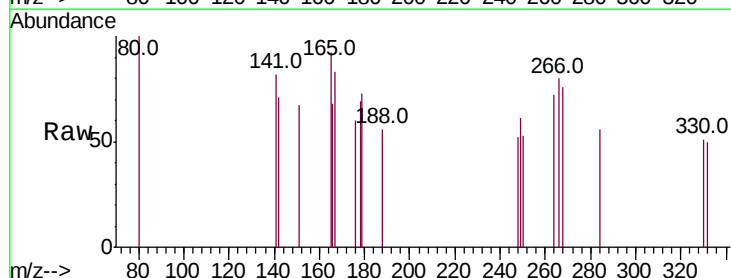
Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Tgt Ion:266 Resp: 76

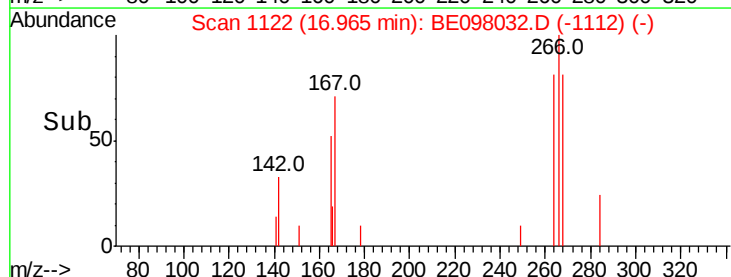
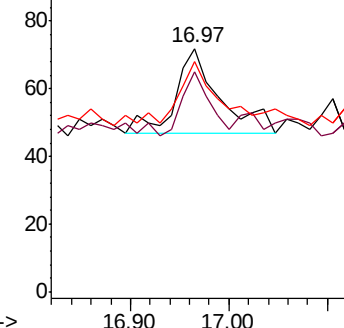
Ion	Ratio	Lower	Upper
266	100		
264	90.3	51.3	76.9#
268	94.4	50.1	75.1#

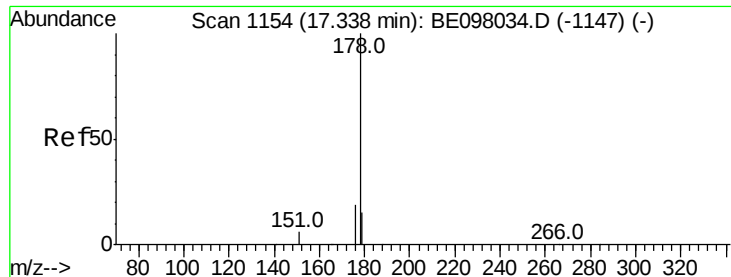


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.101 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

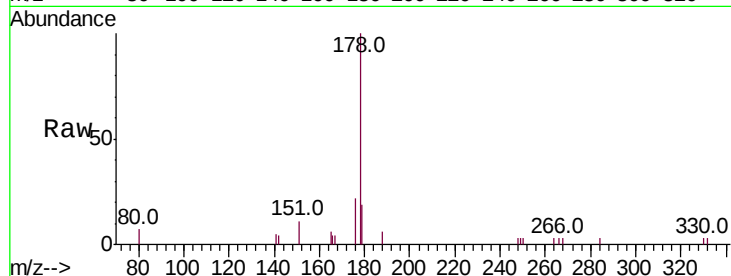
Tot Ion:178 Resp: 2320

Ion Ratio Lower Upper

178 100

176 21.0 15.5 23.3

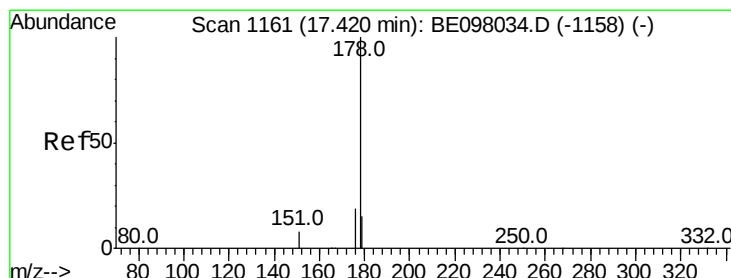
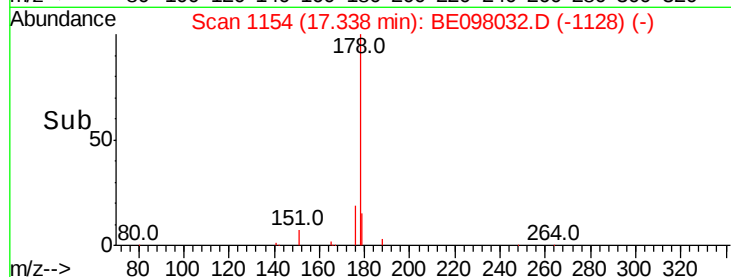
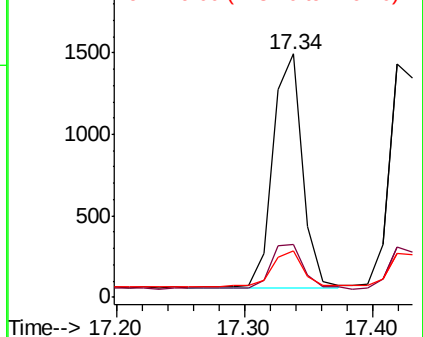
179 17.3 12.2 18.4



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: 0.105 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

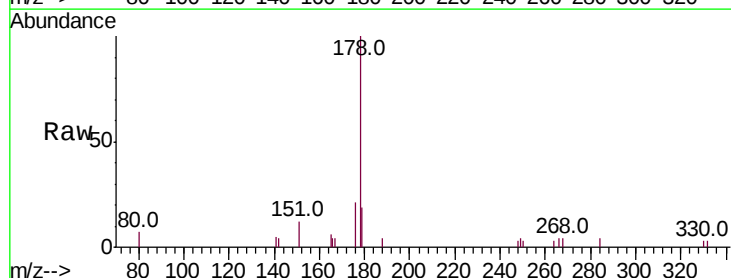
Tgt Ion:178 Resp: 2280

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

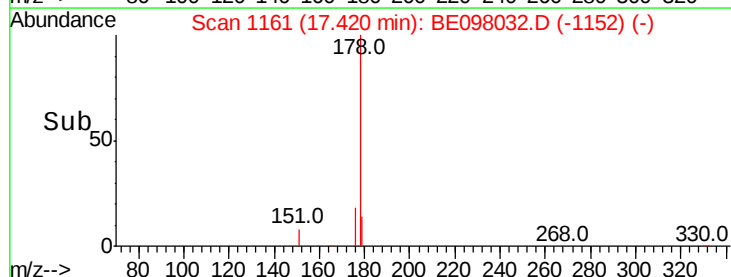
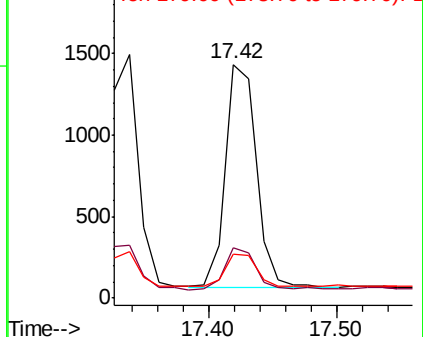
179 15.3 11.9 17.9

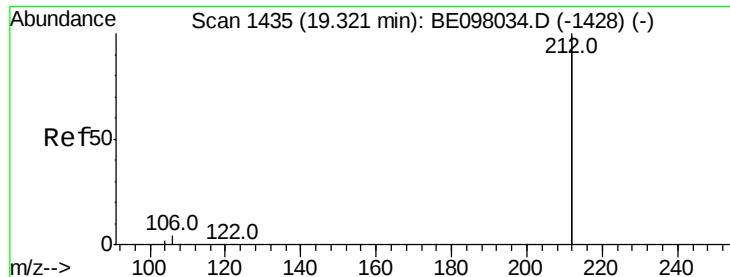


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.098 ng

RT: 19.33 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

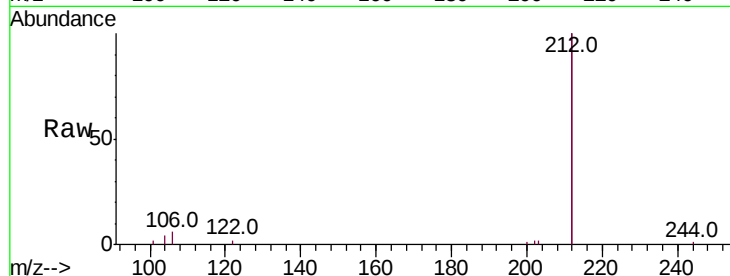
Tot Ion:212 Resp: 12100

Ion Ratio Lower Upper

212 100

106 2.4 2.3 3.5

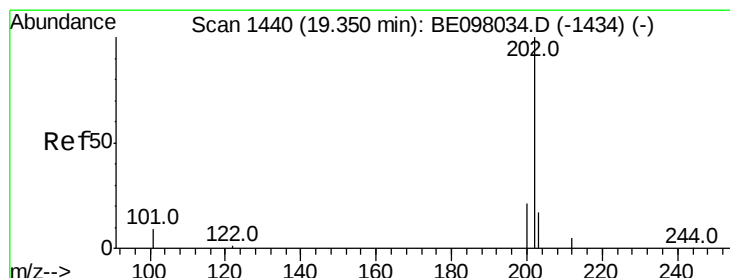
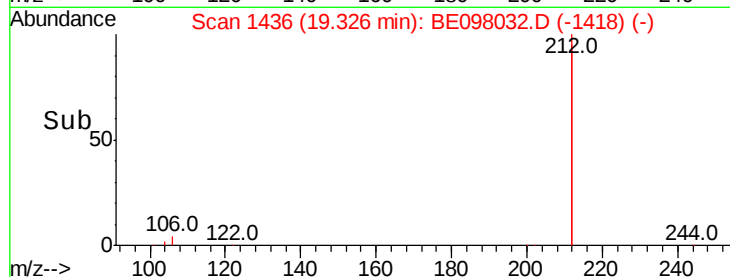
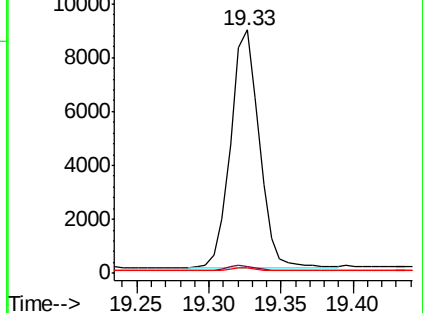
104 1.4 1.3 1.9



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: 0.094 ng

RT: 19.35 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

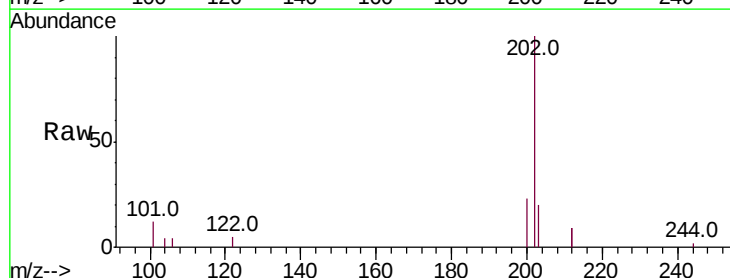
Tgt Ion:202 Resp: 2850

Ion Ratio Lower Upper

202 100

101 9.4 8.2 12.2

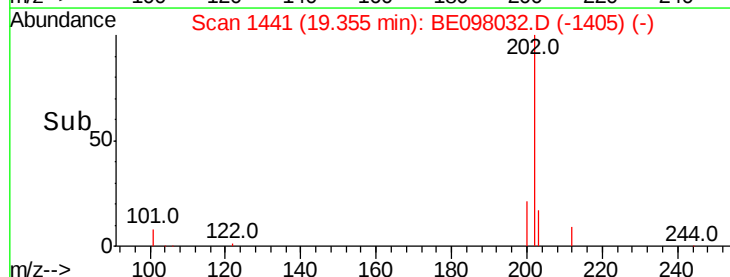
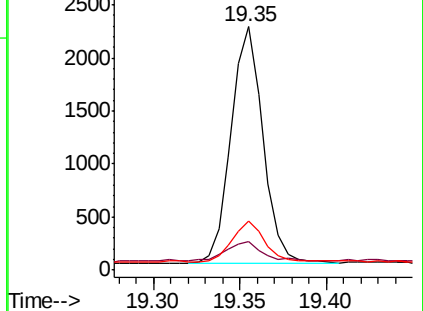
203 18.3 15.0 22.4

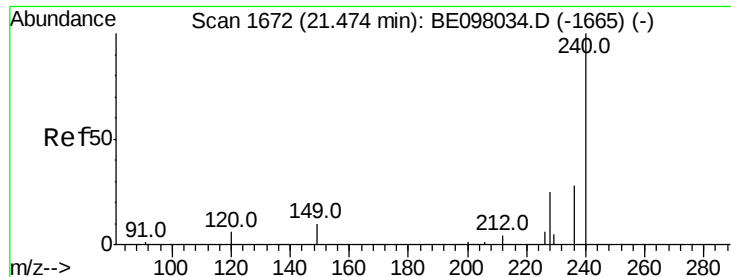


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

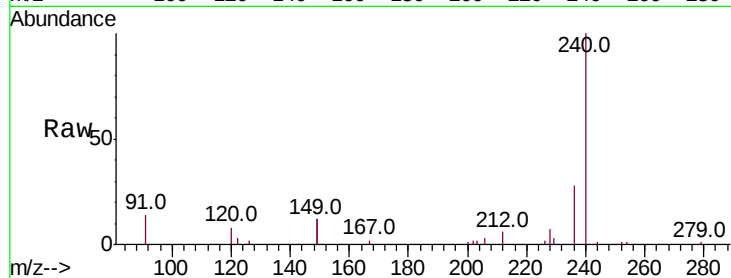
Tot Ion:240 Resp: 10579

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

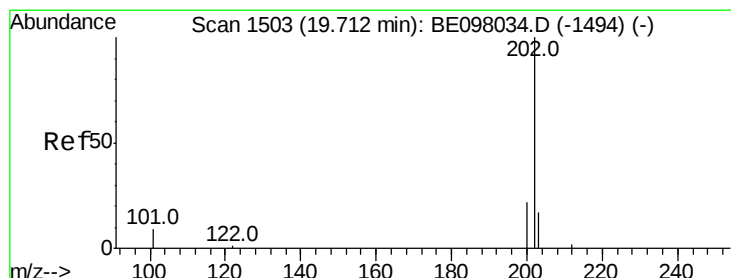
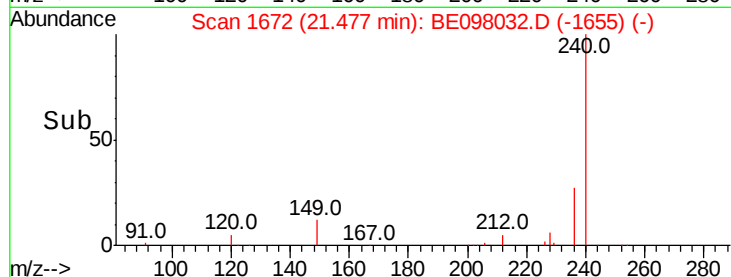
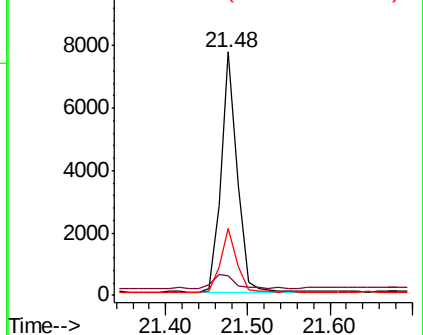
236 27.7 21.3 31.9



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: 0.103 ng

RT: 19.72 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

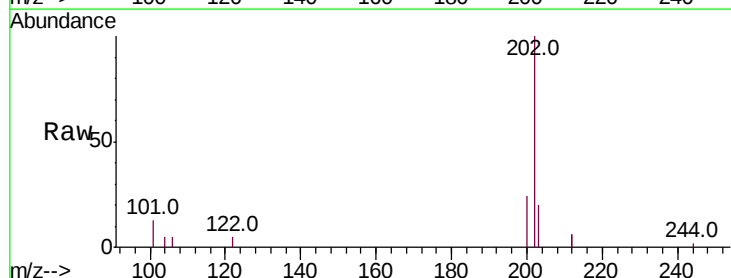
Tgt Ion:202 Resp: 3135

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

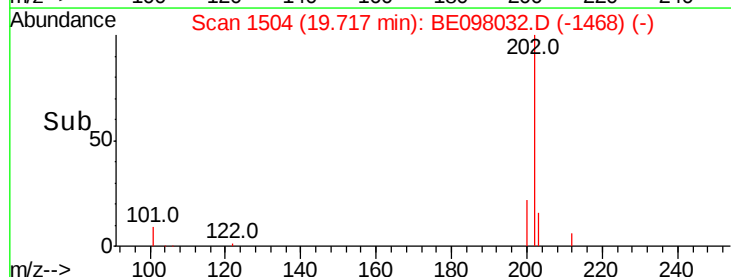
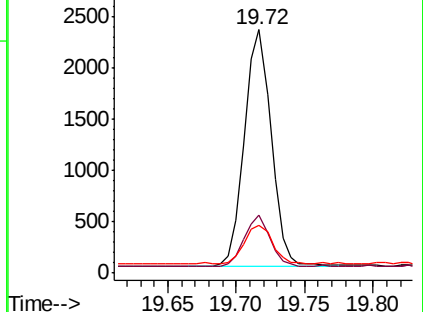
203 17.8 14.2 21.4

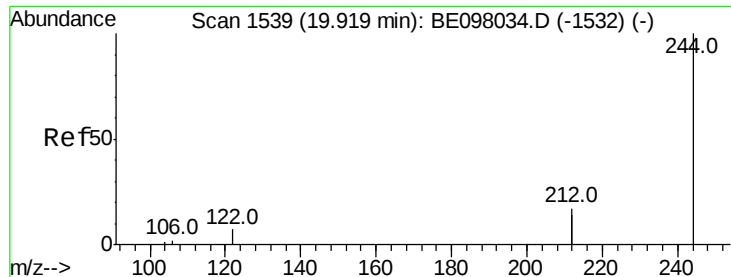


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.116 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

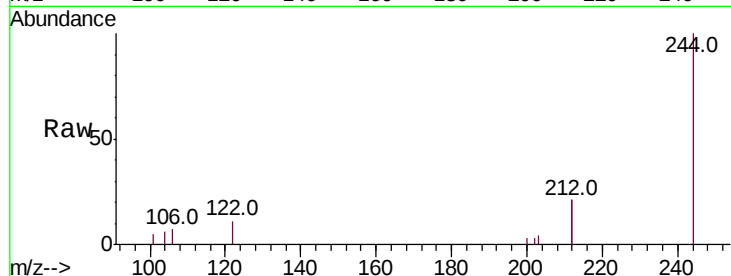
Tot Ion:244 Resp: 2805

Ion Ratio Lower Upper

244 100

212 42.5 26.2 39.2#

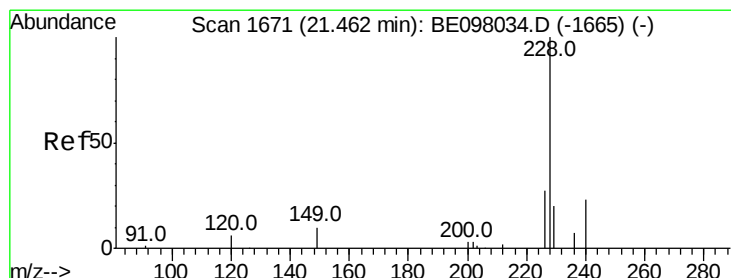
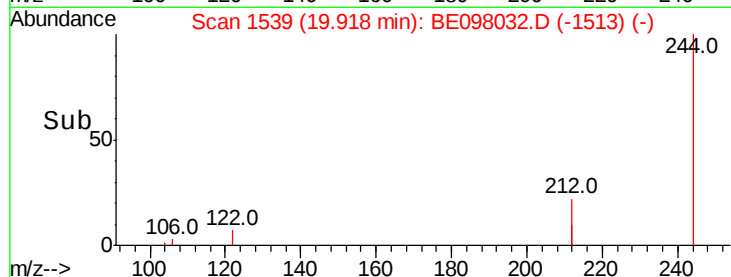
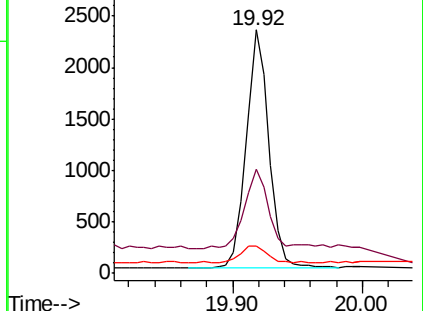
122 11.4 7.7 11.5



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: 0.100 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

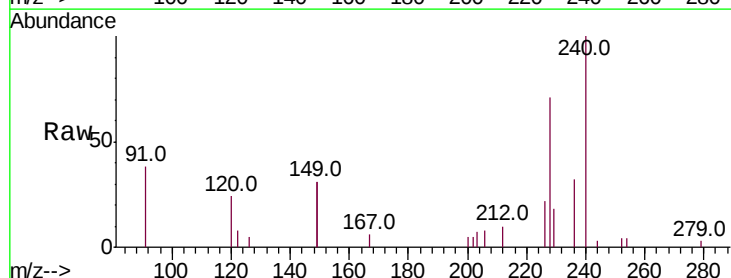
Tgt Ion:228 Resp: 3242

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

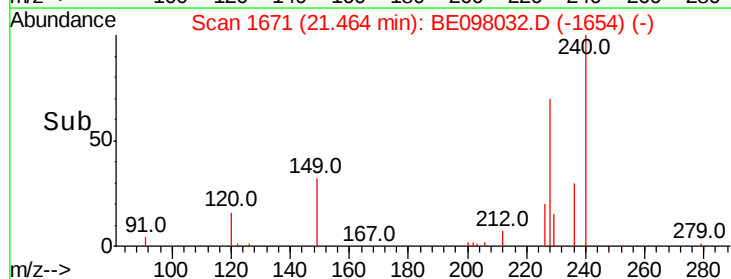
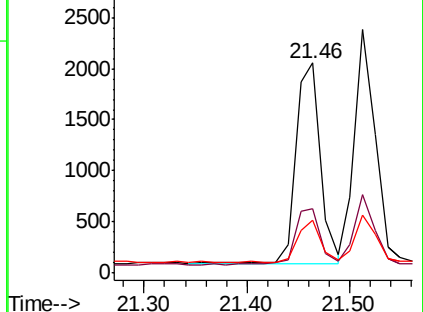
229 25.1 16.9 25.3

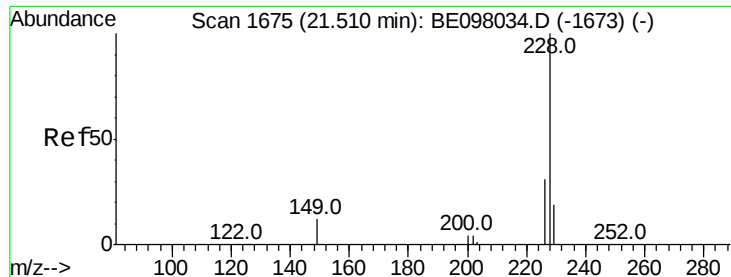


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.104 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

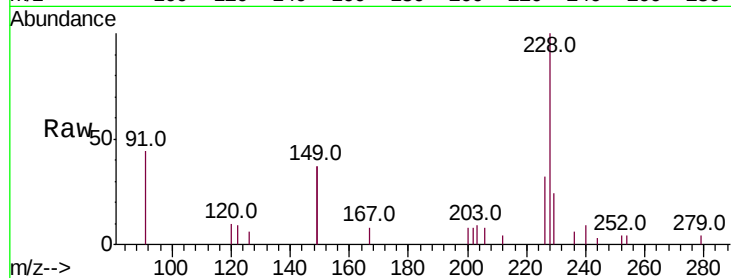
Tot Ion:228 Resp: 3204

Ion Ratio Lower Upper

228 100

226 32.2 24.3 36.5

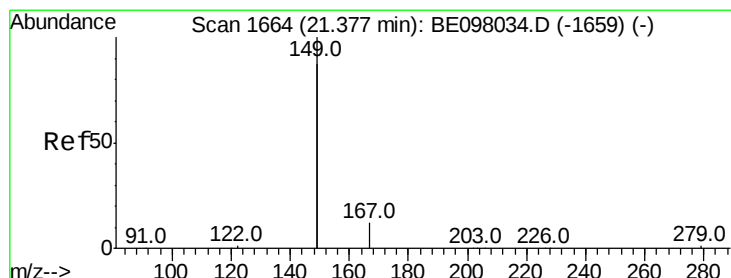
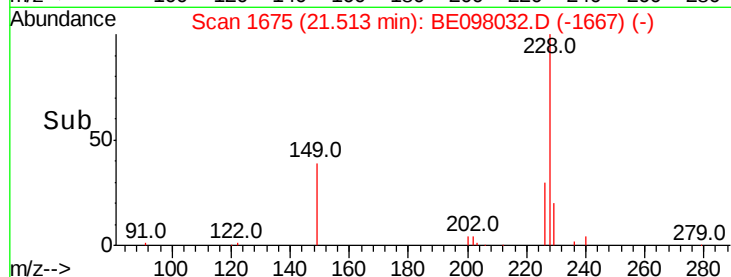
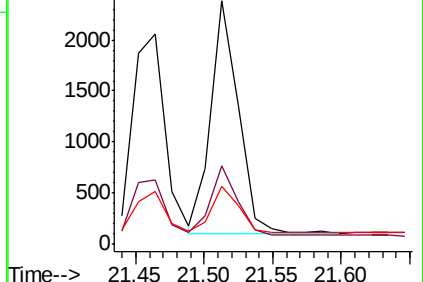
229 23.6 17.3 25.9



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: 0.112 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

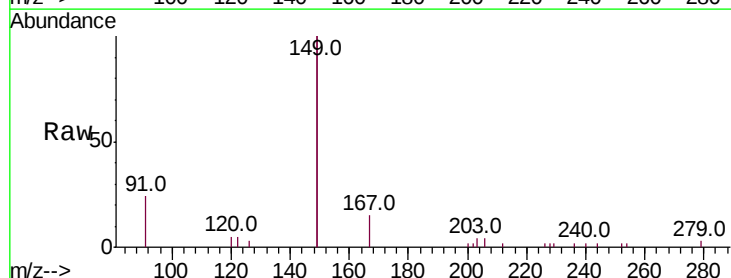
Tgt Ion:149 Resp: 8462

Ion Ratio Lower Upper

149 100

167 8.0 5.6 8.4

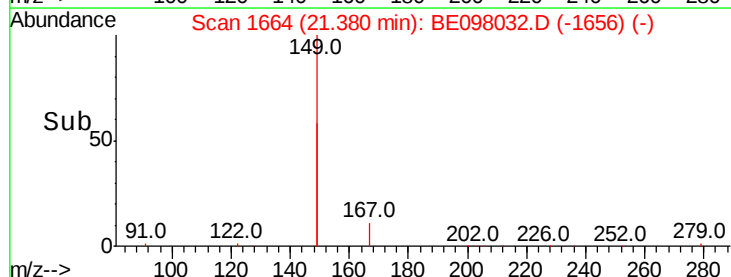
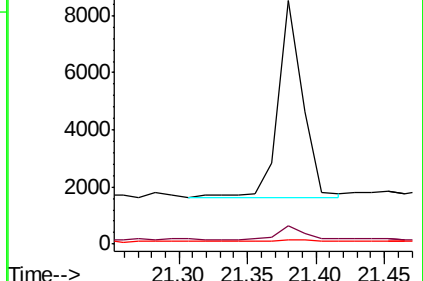
279 1.9 0.9 1.3#

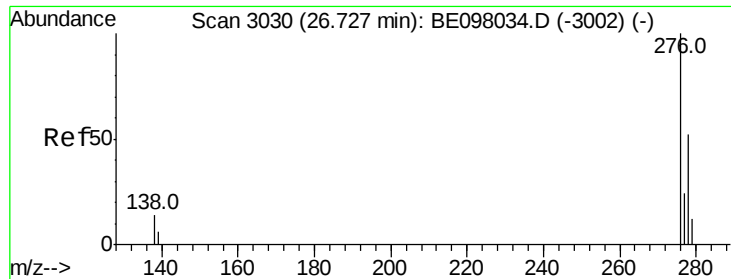


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

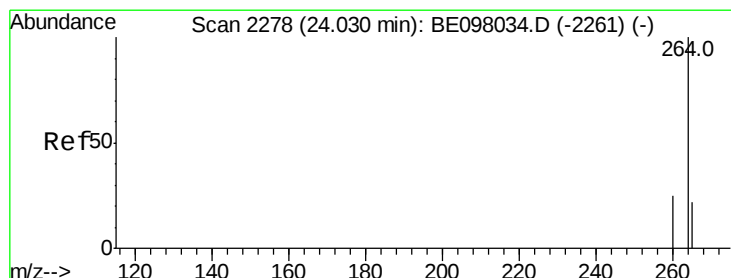
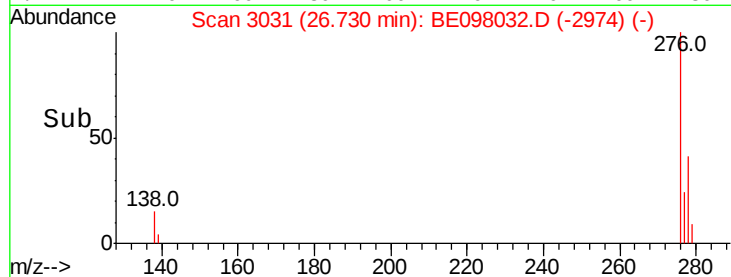
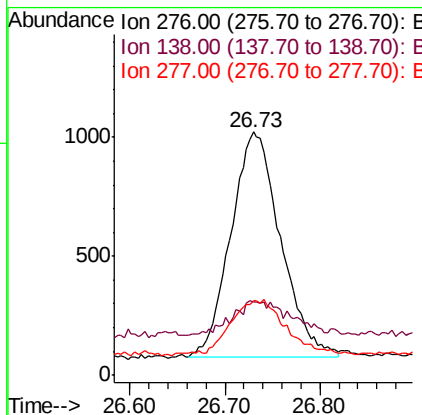
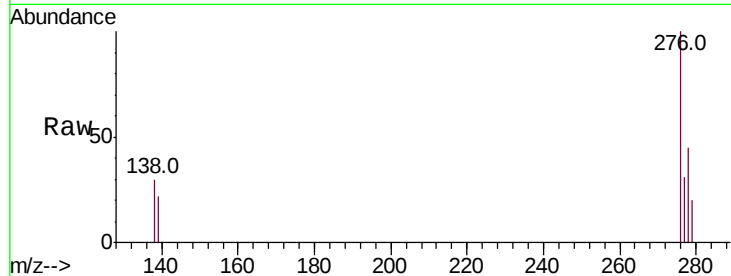




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.104 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: BE098032.D
 Acq: 24 Oct 2018 10:11

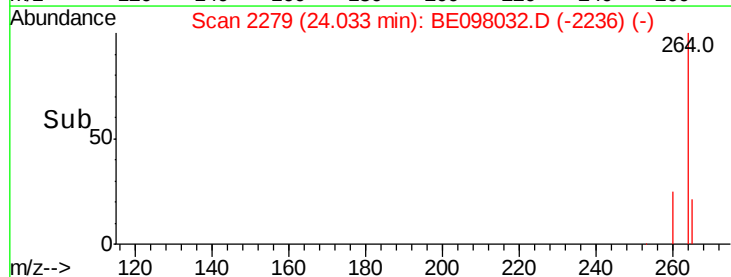
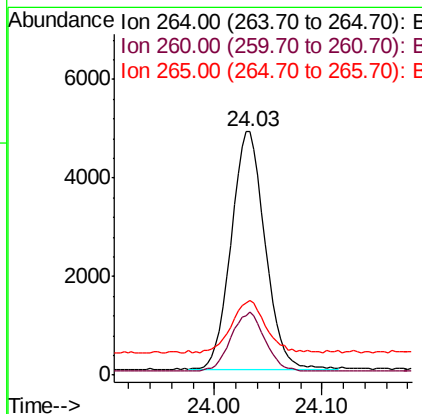
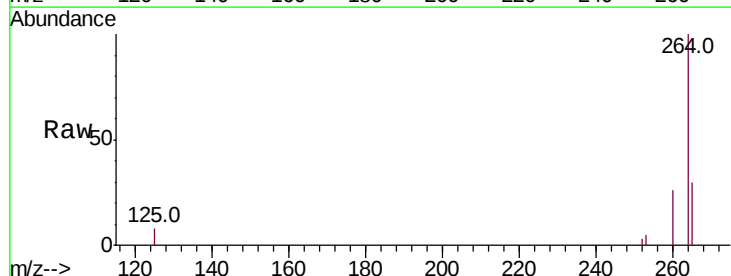
Instrument :
 BNA_E
 ClientSampleId :

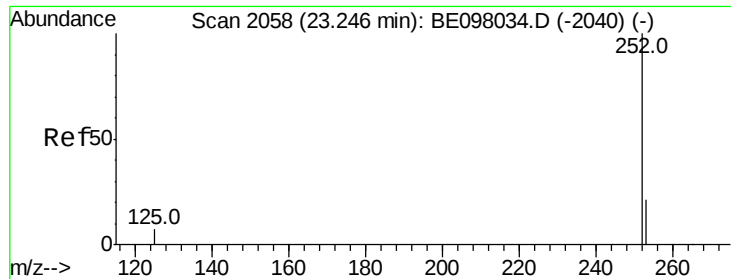
Tot Ion:276 Resp: 3425
 Ion Ratio Lower Upper
 276 100
 138 10.5 17.0 25.6#
 277 24.9 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE098032.D
 Acq: 24 Oct 2018 10:11

Tgt Ion:264 Resp: 10556
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.1 31.7
 265 30.4 29.2 43.8

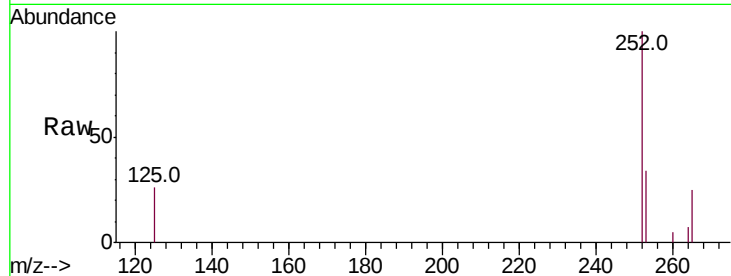




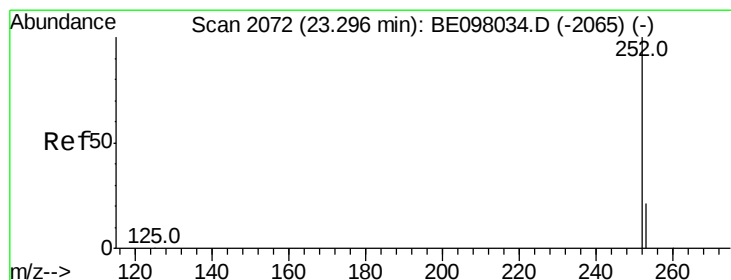
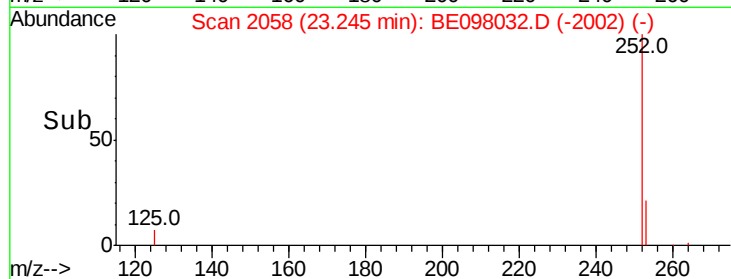
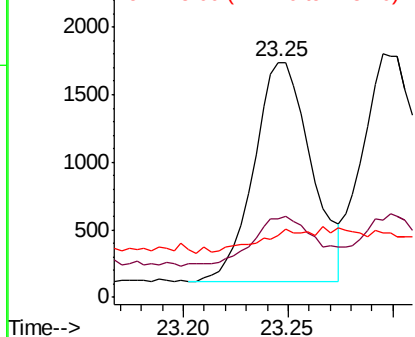
#35
Benzo(b)fluoranthene
Concen: 0.102 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 3084
Ion Ratio Lower Upper
252 100
253 33.6 20.6 31.0#
125 26.2 14.3 21.5#

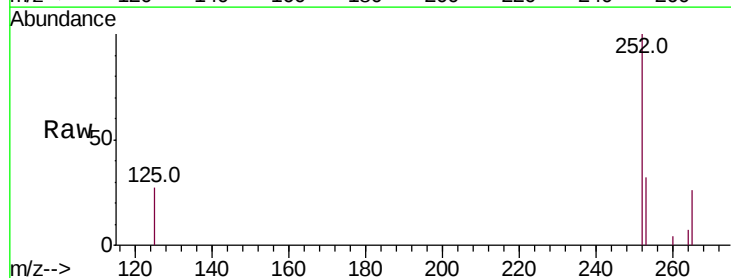


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

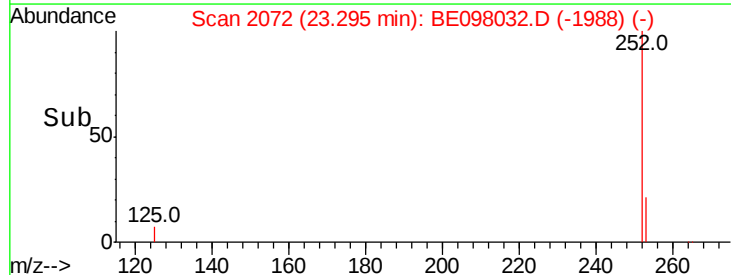
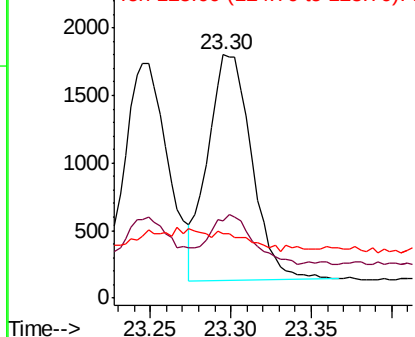


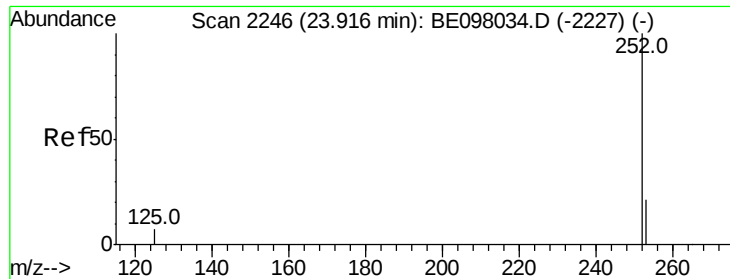
#36
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:252 Resp: 3153
Ion Ratio Lower Upper
252 100
253 31.9 20.4 30.6#
125 26.6 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: 0.103 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.00 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :

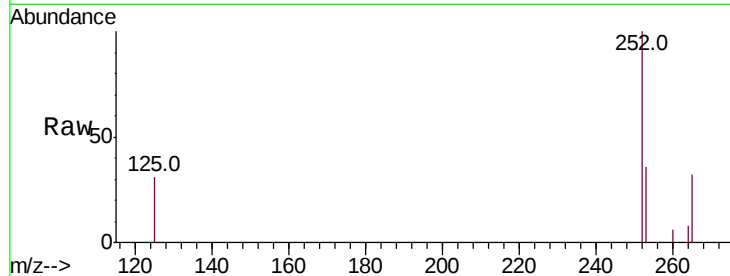
Tot Ion:252 Resp: 3040

Ion Ratio Lower Upper

252 100

253 35.6 20.6 31.0#

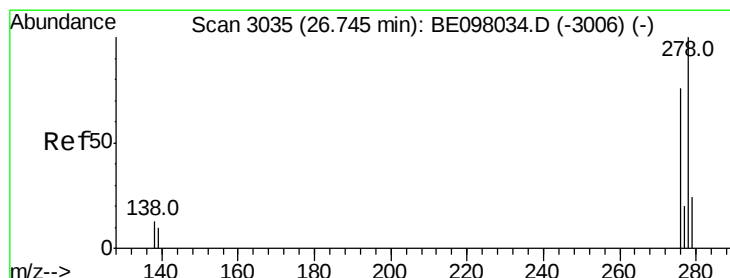
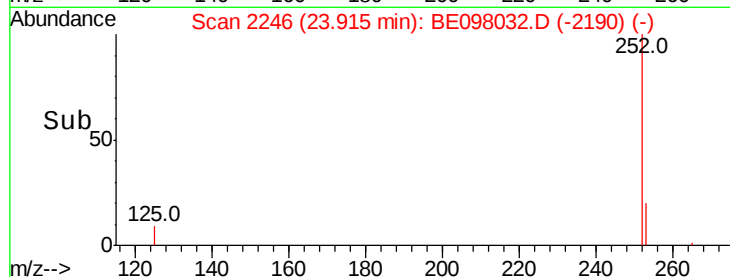
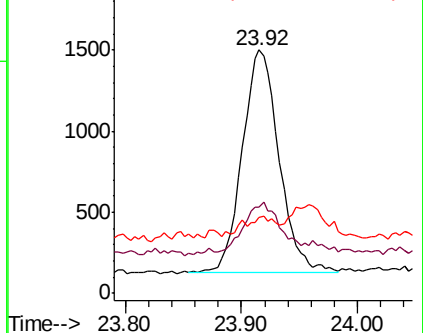
125 31.0 15.6 23.4#



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: 0.099 ng

RT: 26.75 min Scan# 3038

Delta R.T. 0.01 min

Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

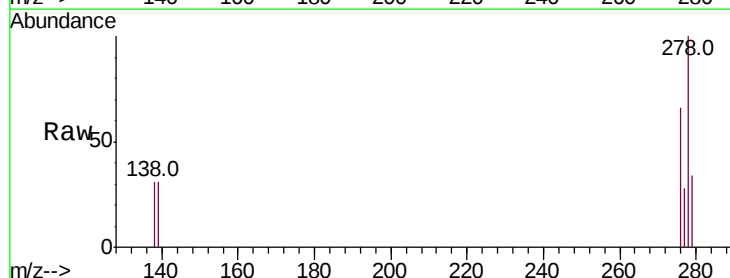
Tgt Ion:278 Resp: 2879

Ion Ratio Lower Upper

278 100

139 31.2 16.3 24.5#

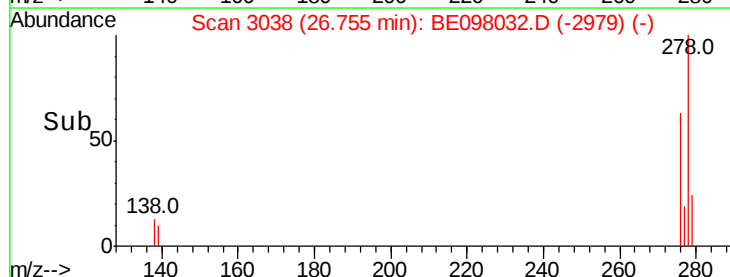
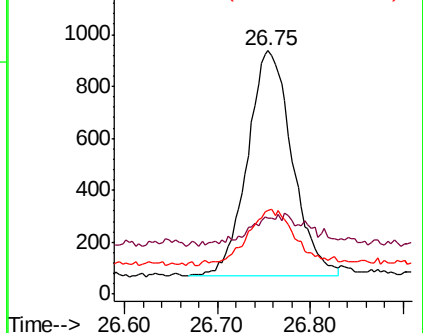
279 34.1 21.4 32.2#

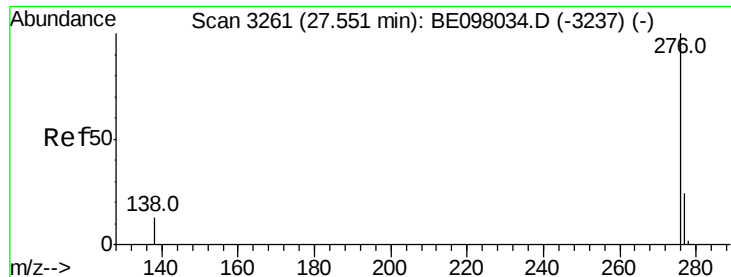


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.097 ng

RT: 27.55 min Scan# 3262

Delta R.T. 0.00 min

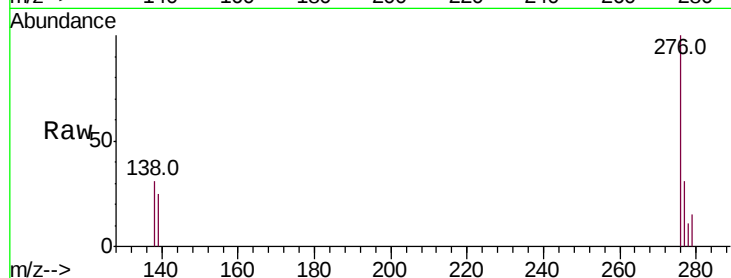
Lab File: BE098032.D

Acq: 24 Oct 2018 10:11

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 2875

Ion Ratio Lower Upper

276 100

277 31.2 22.1 33.1

138 31.3 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

