

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122618\
 Data File : BE098561.D
 Acq On : 26 Dec 2018 11:22
 Operator : SJ/JU
 Sample : PB115910BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 26 12:36:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	617	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2589	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1738	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	5698	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	8588	0.40	ng	-0.01
34) Perylene-d12	23.98	264	7650	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	726	0.50	ng	0.00
5) Phenol-d6	7.04	99	958	0.47	ng	0.00
8) Nitrobenzene-d5	9.02	82	828	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2103	0.50	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	352	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2788	0.38	ng	-0.01
25) Fluoranthene-d10	19.29	212	35300	0.48	ng	-0.02
29) Terphenyl-d14	19.89	244	7819	0.37	ng	-0.02

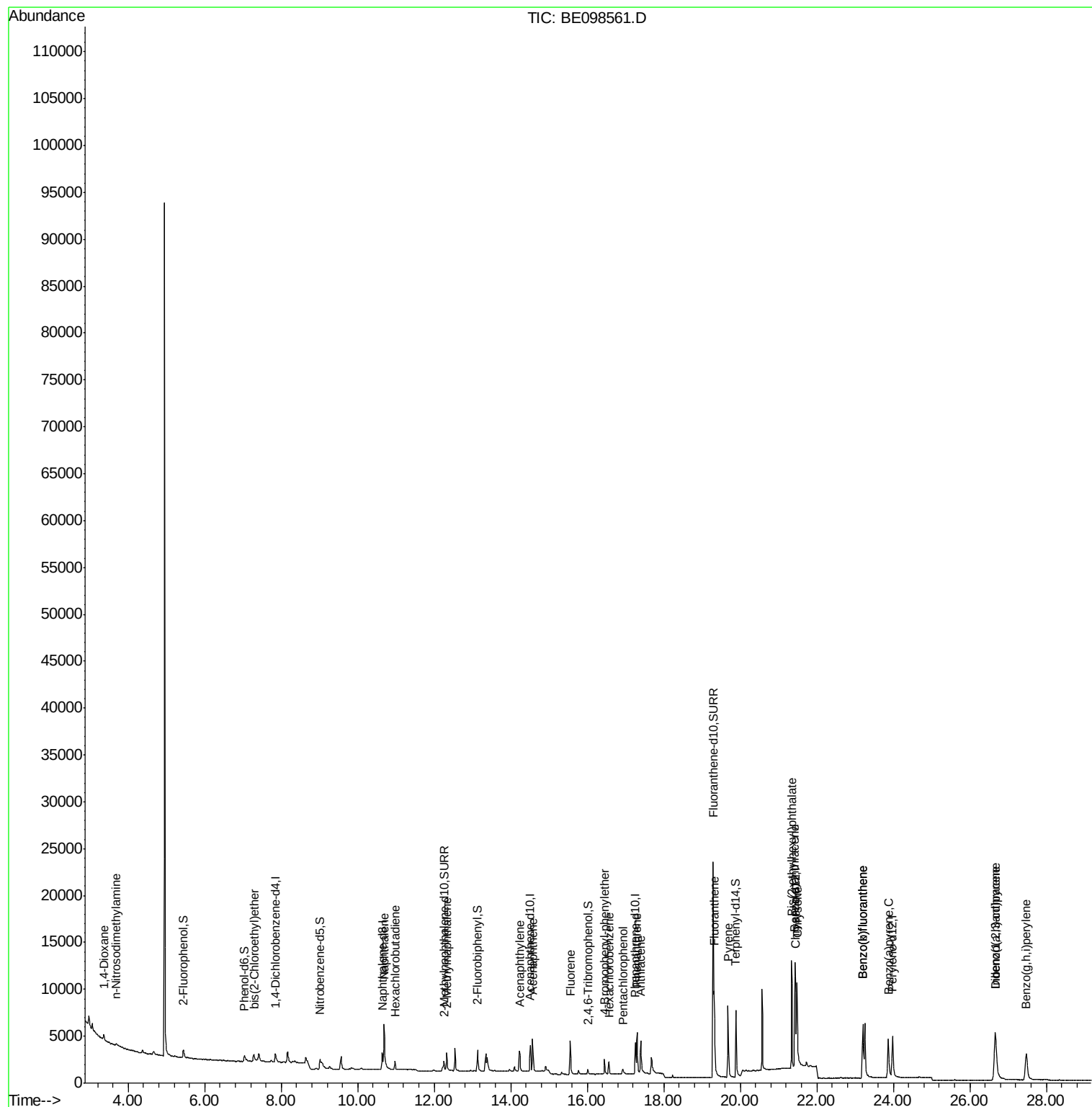
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	313	0.293	ng	# 47
3) n-Nitrosodimethylamine	3.69	42	404	0.421	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	537	0.276	ng	98
9) Naphthalene	10.69	128	9852	0.378	ng	99
10) Hexachlorobutadiene	10.98	225	609	0.367	ng	99
12) 2-Methylnaphthalene	12.32	142	1612	0.381	ng	95
16) Acenaphthylene	14.23	152	2959	0.363	ng	99
17) Acenaphthene	14.57	154	1749	0.358	ng	98
18) Fluorene	15.56	166	2733	0.418	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	928	0.303	ng	91
21) Hexachlorobenzene	16.57	284	1136	0.345	ng	94
22) Pentachlorophenol	16.93	266	492	0.812	ng	93
23) Phenanthrene	17.30	178	5467	0.395	ng	98
24) Anthracene	17.40	178	4398	0.356	ng	98
26) Fluoranthene	19.32	202	8258	0.451	ng	98
28) Pyrene	19.69	202	8465	0.314	ng	99
30) Benzo(a)anthracene	21.43	228	9507	0.389	ng	100
31) Chrysene	21.49	228	9509	0.371	ng	99
32) Bis(2-ethylhexyl)phthalate	21.34	149	14966	0.301	ng	99
33) Indeno(1,2,3-cd)pyrene	26.66	276	9582	0.376	ng	96
35) Benzo(b)fluoranthene	23.20	252	9015	0.431	ng	96
36) Benzo(k)fluoranthene	23.20	252	9015	0.370	ng	98
37) Benzo(a)pyrene	23.87	252	8513	0.394	ng	97
38) Dibenzo(a,h)anthracene	26.68	278	7405	0.364	ng	97
39) Benzo(g,h,i)perylene	27.48	276	8265	0.403	ng	98

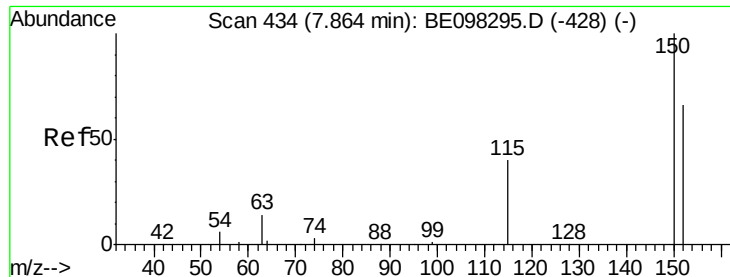
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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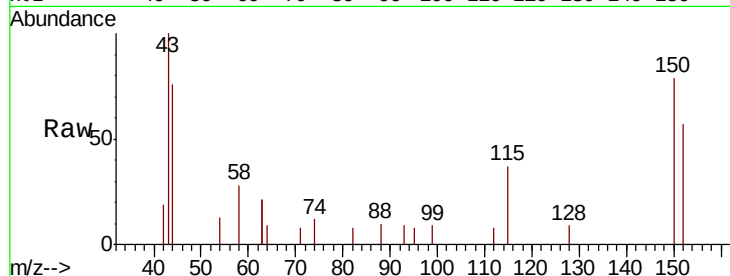


#1

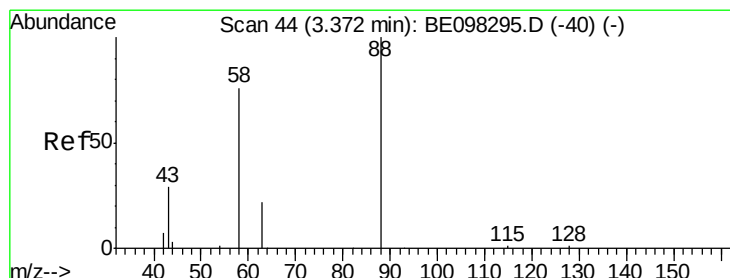
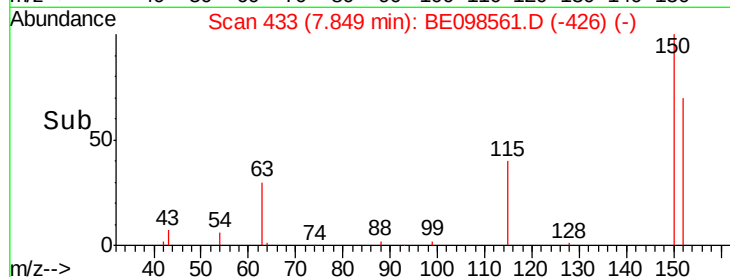
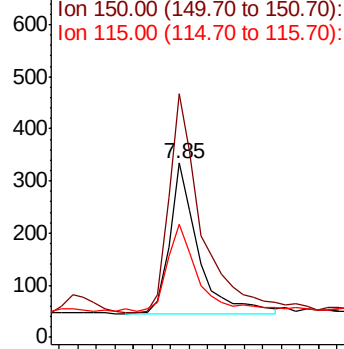
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 617
Ion Ratio Lower Upper
152 100
150 139.8 124.2 186.4
115 65.0 53.9 80.9



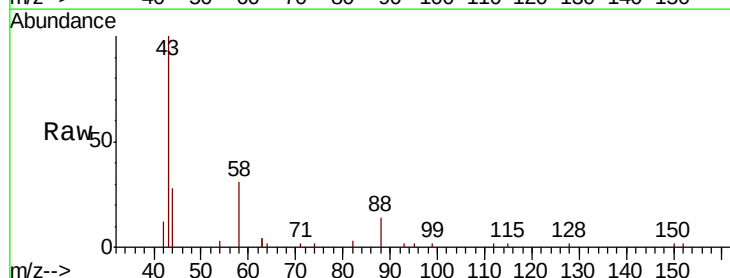
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



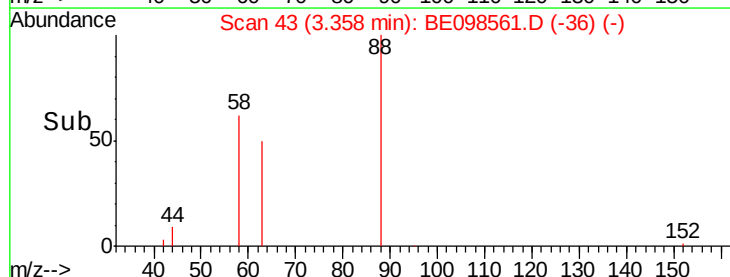
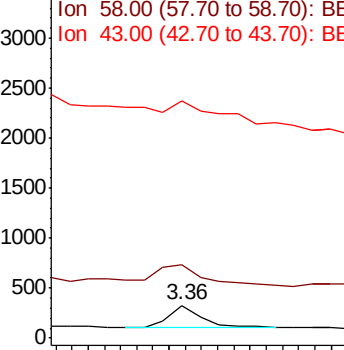
#2

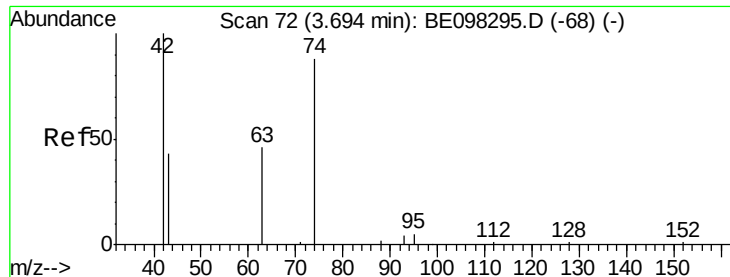
1,4-Dioxane
Concen: 0.293 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Tgt Ion: 88 Resp: 313
Ion Ratio Lower Upper
88 100
58 135.5 75.0 112.6#
43 0.0 38.3 57.5#



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



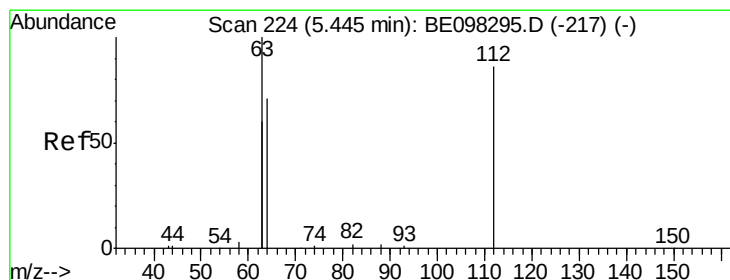
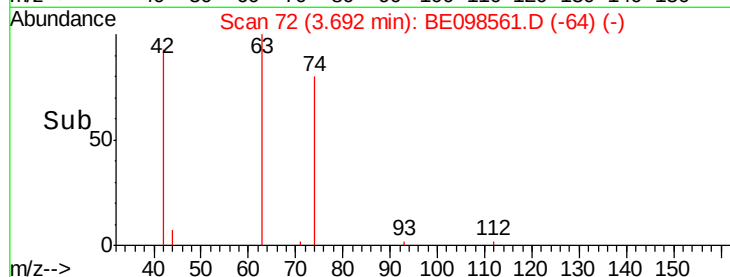
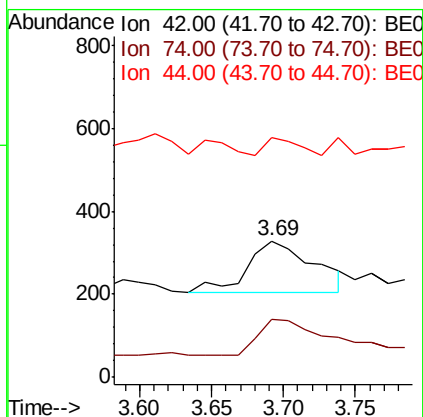
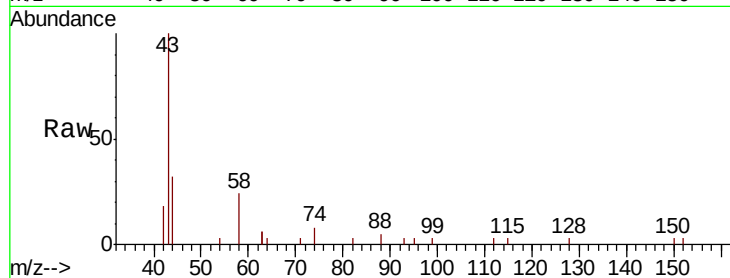


#3

n-Nitrosodimethylamine
Concen: 0.421 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :

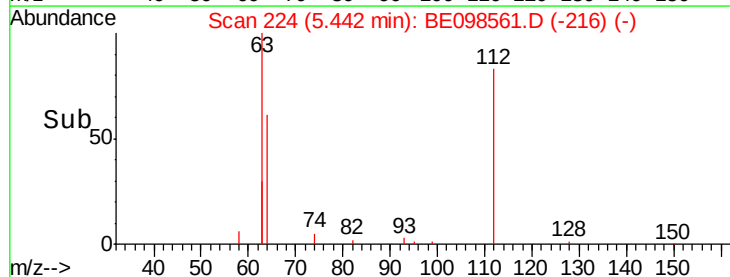
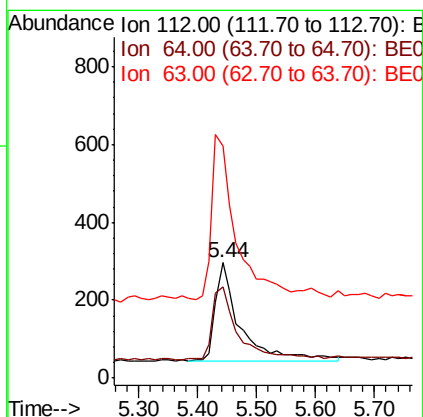
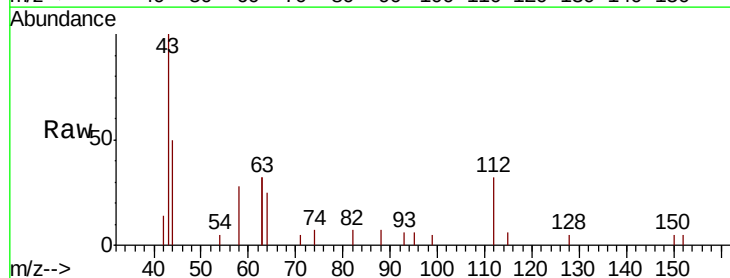
Tot Ion	Ratio	Lower	Upper
42	100		
74	61.9	0.0	0.0#
44	16.8	0.0	0.0#

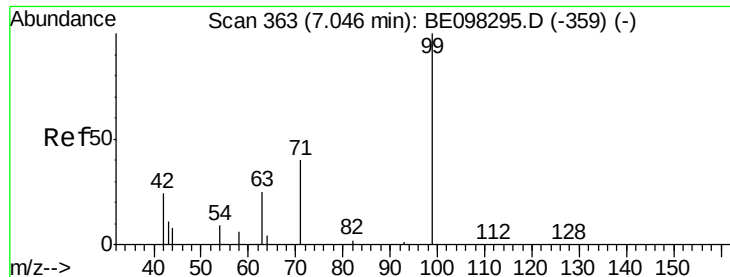


#4

2-Fluorophenol
Concen: 0.503 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.5	59.8	89.8
63	168.3	133.7	200.5





#5

Phenol-d6

Concen: 0.468 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

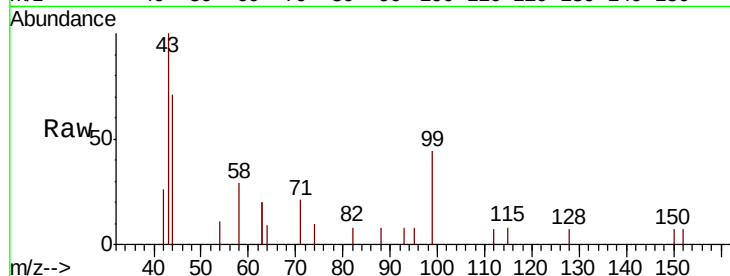
Tot Ion: 99 Resp: 958

Ion Ratio Lower Upper

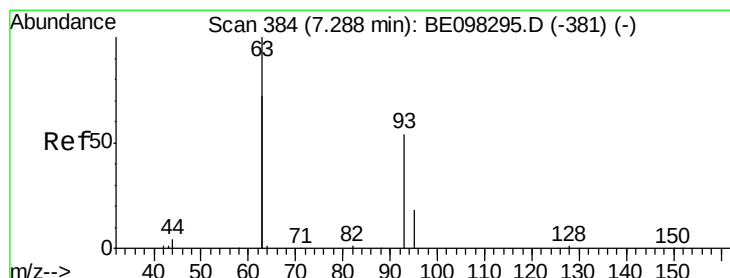
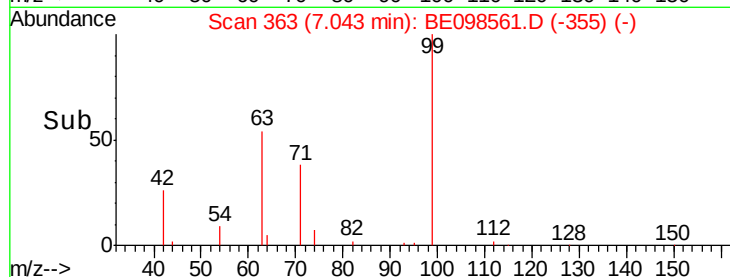
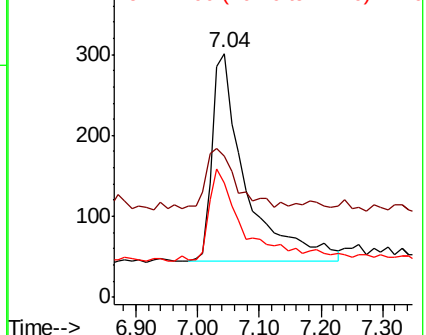
99 100

42 27.0 26.3 39.5

71 43.5 33.6 50.4



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: 0.276 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

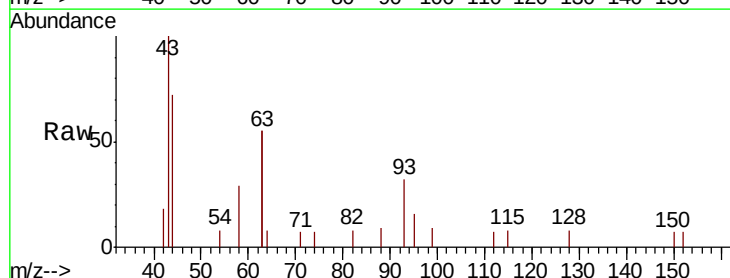
Tgt Ion: 93 Resp: 537

Ion Ratio Lower Upper

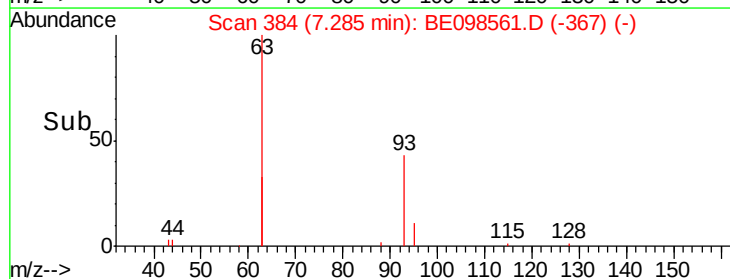
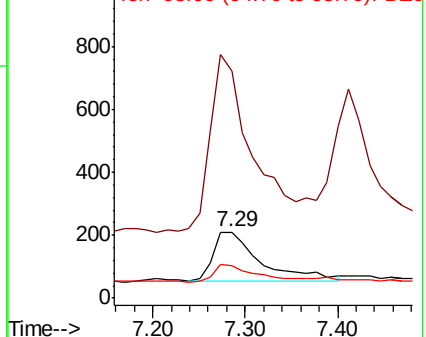
93 100

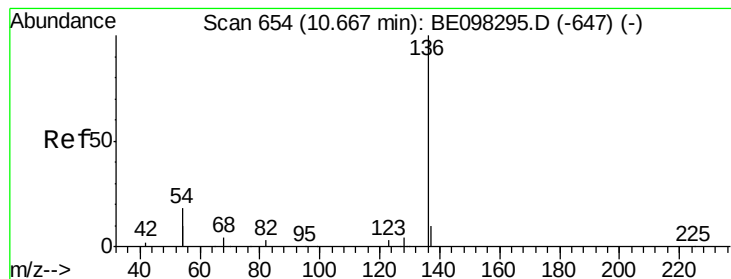
63 334.3 264.4 396.6

95 33.1 26.6 40.0



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2589

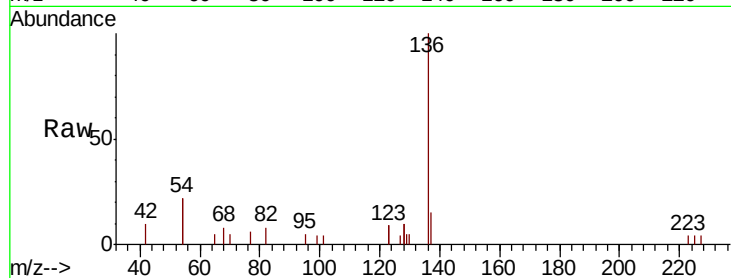
Ion Ratio Lower Upper

136 100

137 14.5 9.2 13.8#

54 44.7 28.4 42.6#

68 8.3 5.4 8.0#

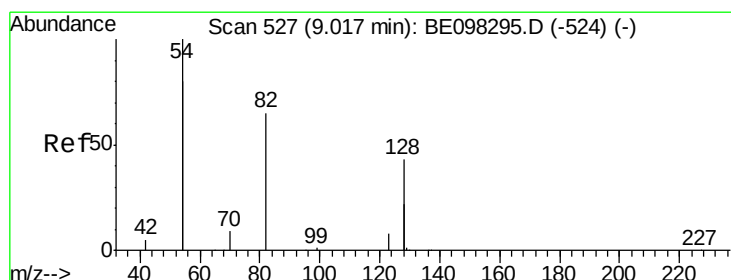
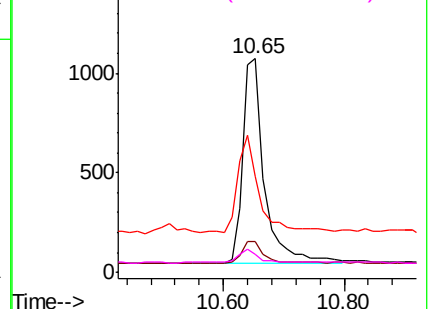
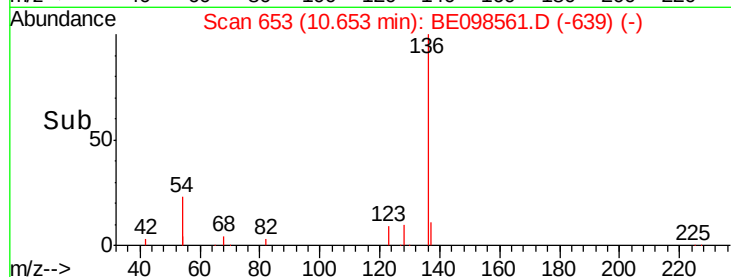


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

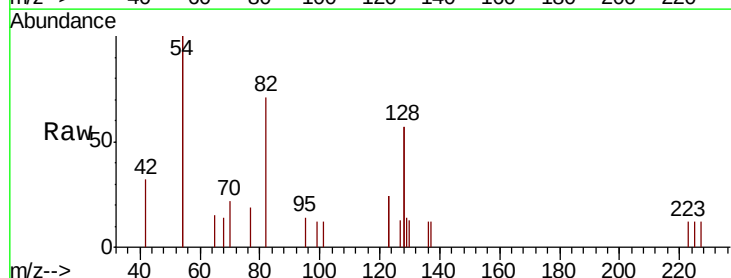
Tgt Ion: 82 Resp: 828

Ion Ratio Lower Upper

82 100

128 161.7 102.4 153.6#

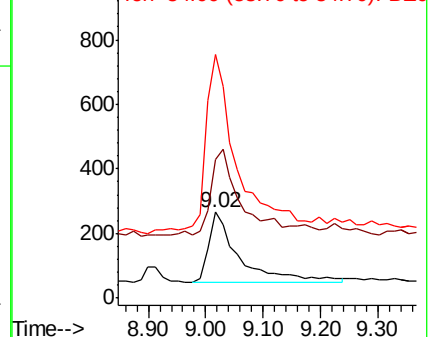
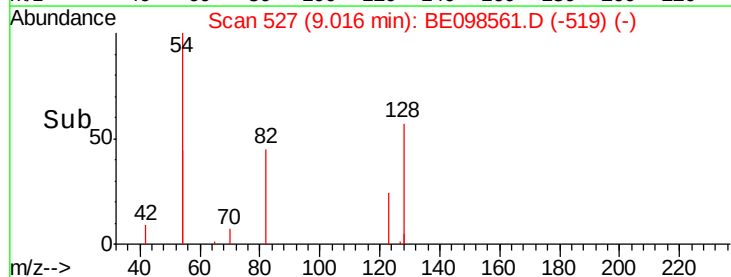
54 283.5 221.8 332.8

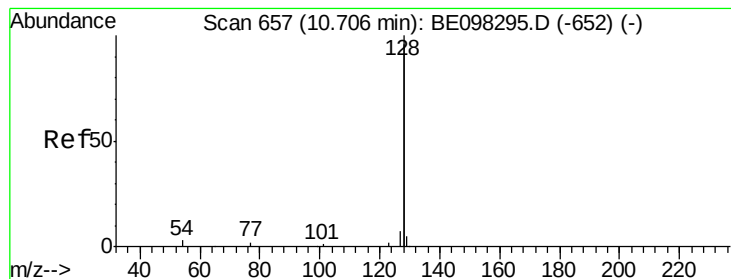


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.378 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

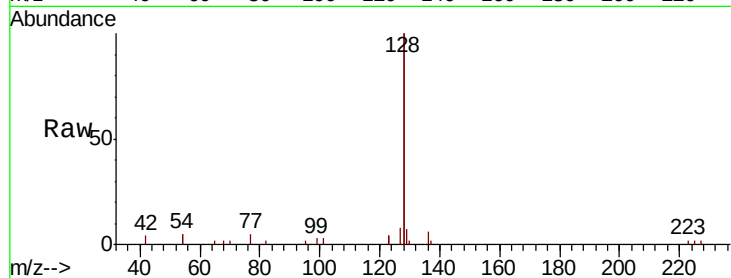
Tot Ion:128 Resp: 9852

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

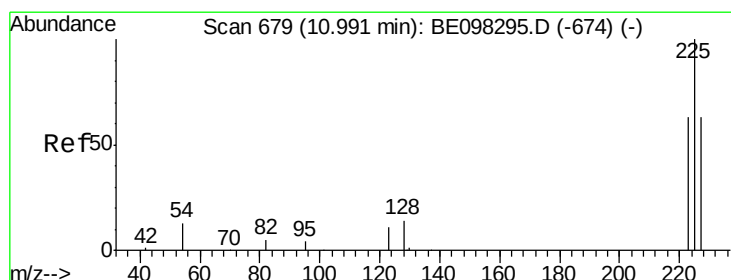
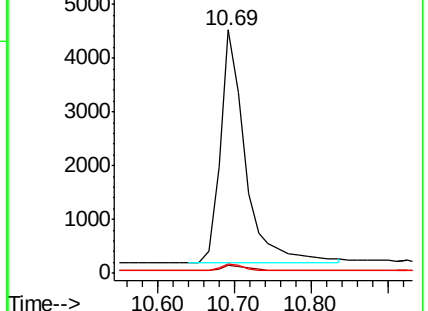
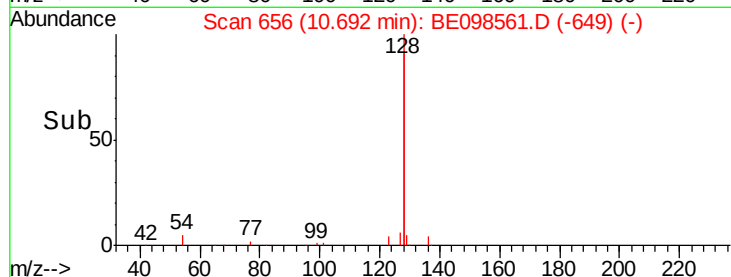
127 4.0 2.7 4.1



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: 0.367 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

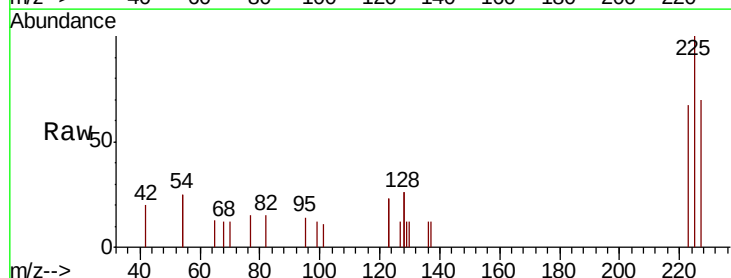
Tgt Ion:225 Resp: 609

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.0

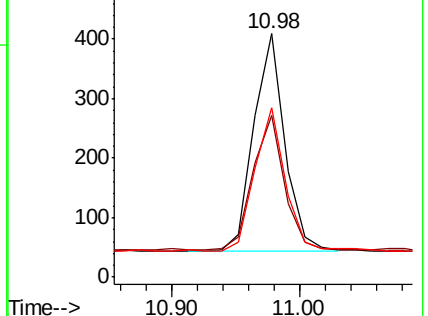
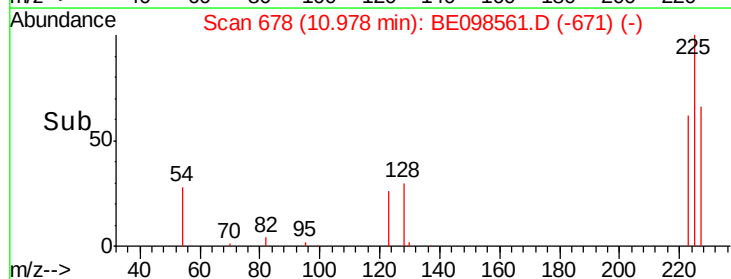
227 65.5 52.0 78.0

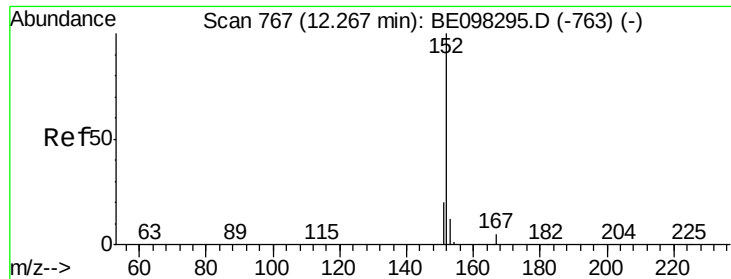


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

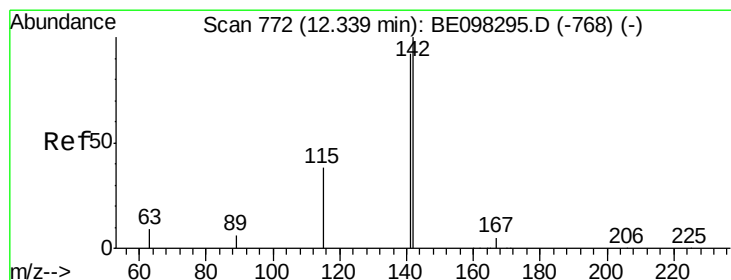
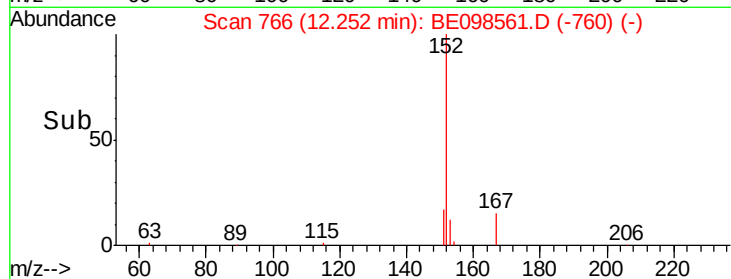
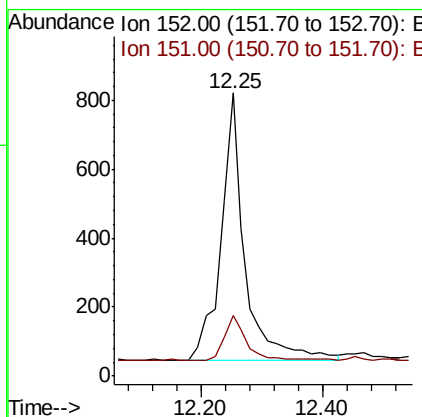
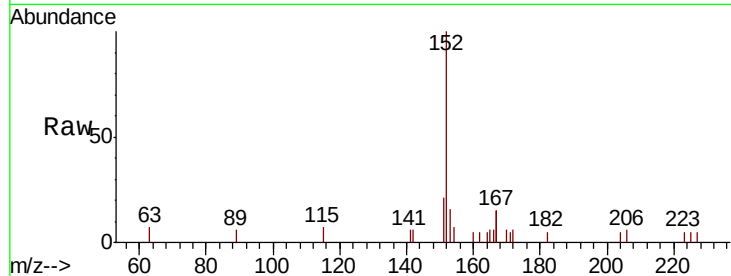




#11
 2-Methylnaphthalene-d10
 Concen: 0.500 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098561.D
 Acq: 26 Dec 2018 11:22

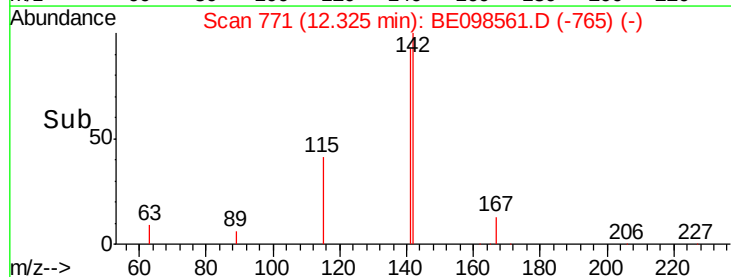
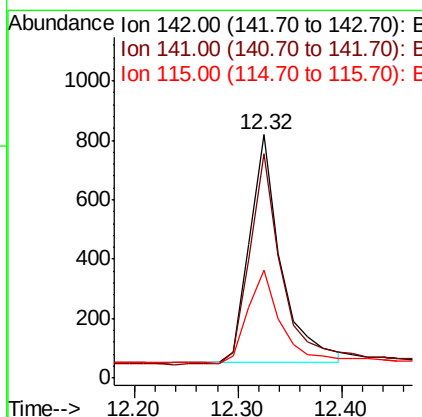
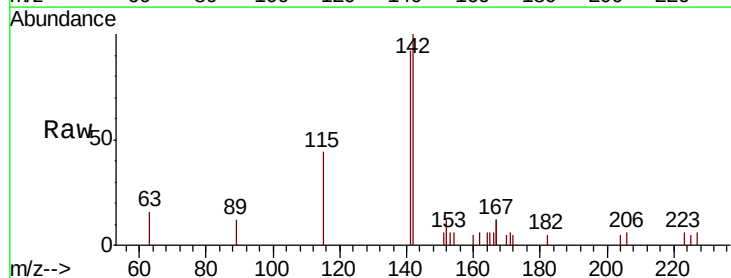
Instrument :
 BNA_E
 ClientSampleId :

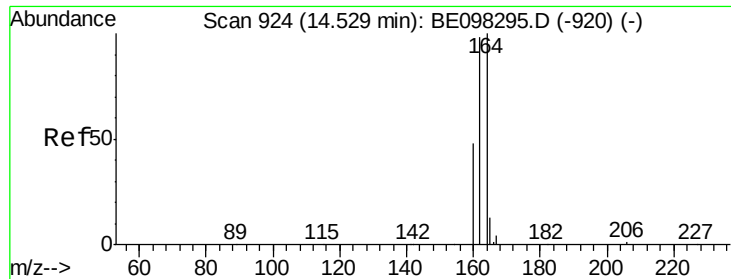
Tot Ion:152 Resp: 2103
 Ion Ratio Lower Upper
 152 100
 151 15.6 16.2 24.4#



#12
 2-Methylnaphthalene
 Concen: 0.381 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BE098561.D
 Acq: 26 Dec 2018 11:22

Tgt Ion:142 Resp: 1612
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.0 106.6
 115 44.4 32.2 48.2

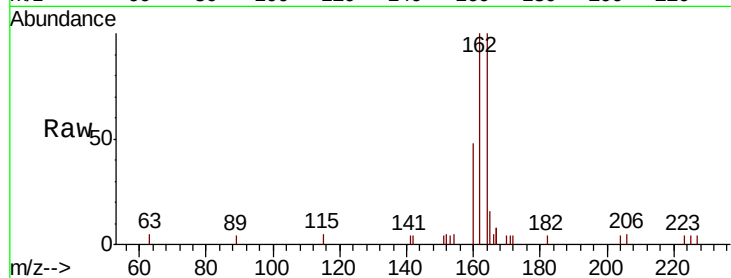




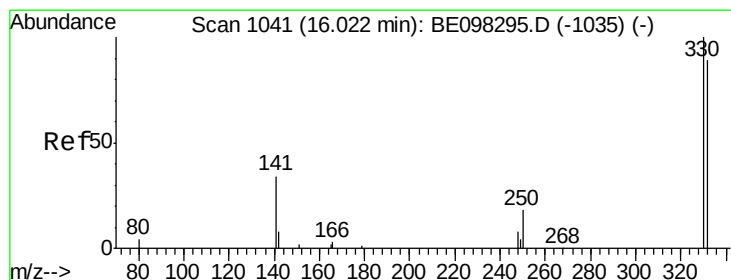
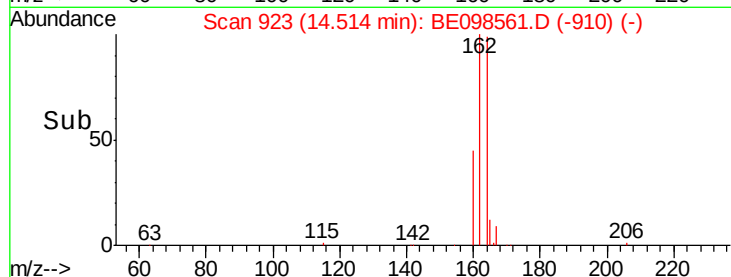
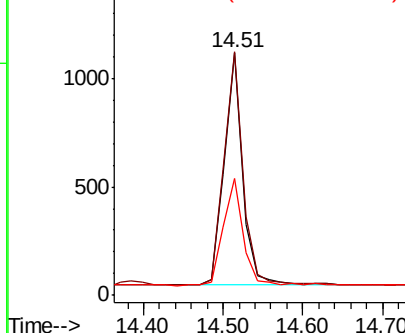
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098561.D
 Acq: 26 Dec 2018 11:22

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 1738
 Ion Ratio Lower Upper
 164 100
 162 100.3 77.6 116.4
 160 47.9 36.0 54.0

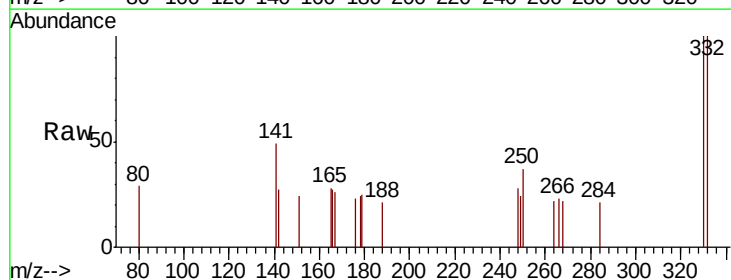


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

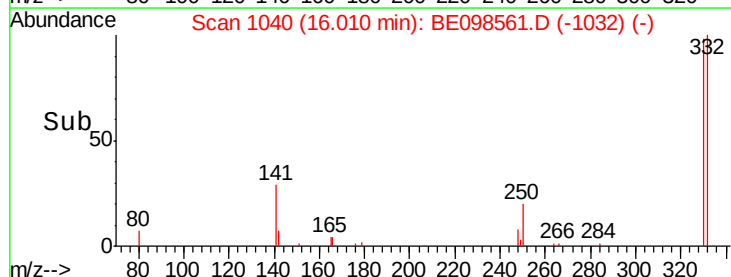
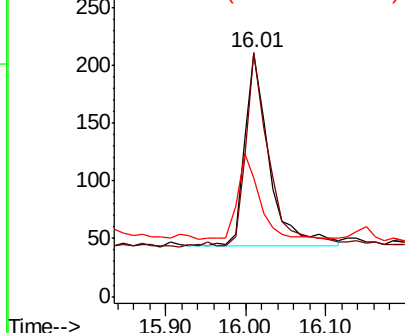


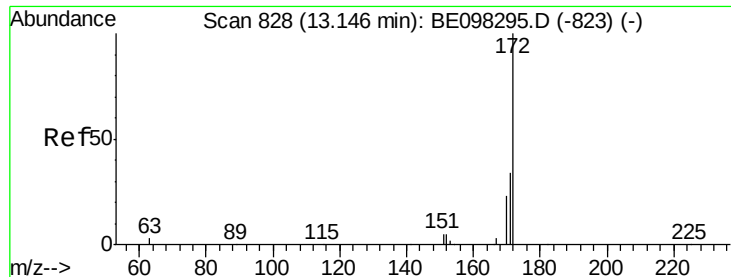
#14
 2,4,6-Tribromophenol
 Concen: 0.552 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098561.D
 Acq: 26 Dec 2018 11:22

Tgt Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 39.5 39.0 58.4



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

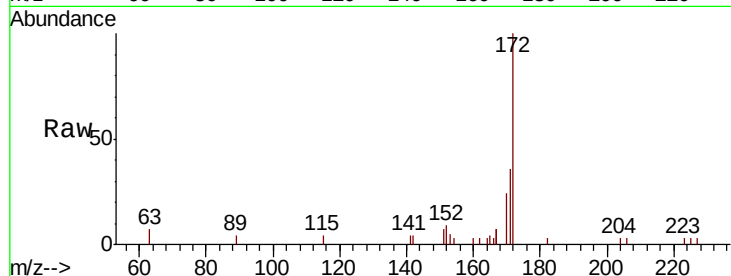




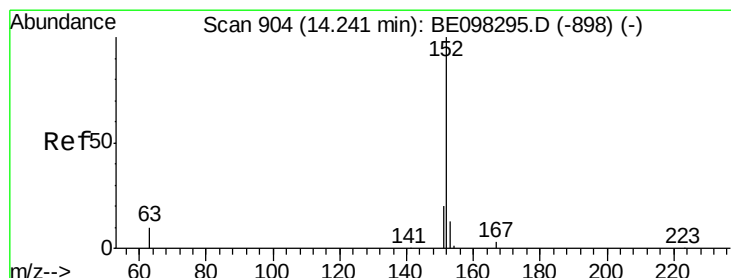
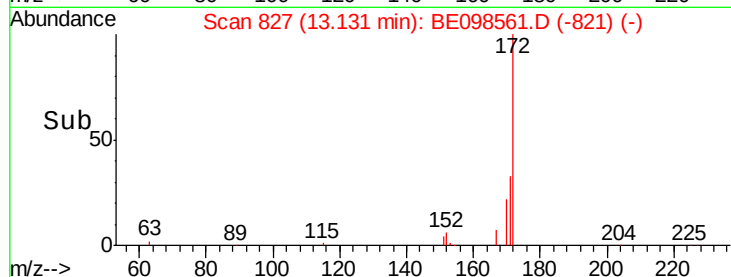
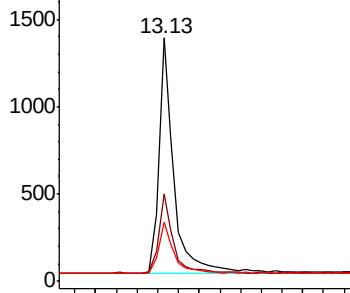
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2788
Ion Ratio Lower Upper
172 100
171 35.9 27.5 41.3
170 24.3 19.6 29.4

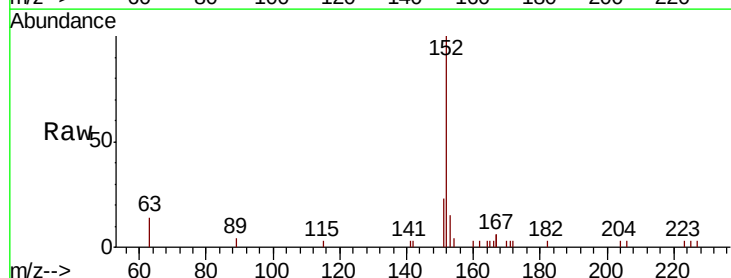


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

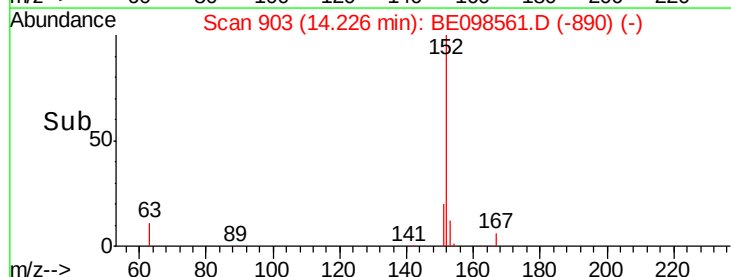
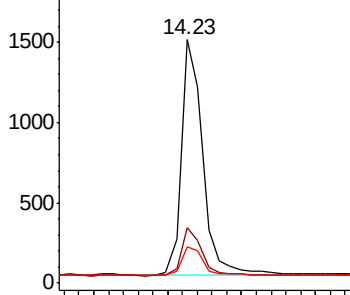


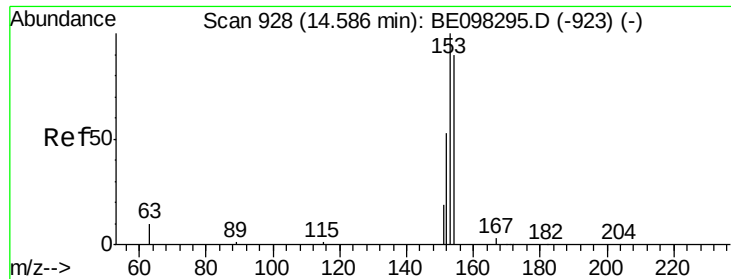
#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Tgt Ion:152 Resp: 2959
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 12.9 10.6 16.0



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

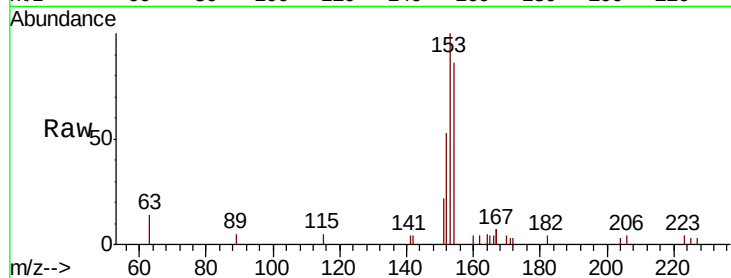




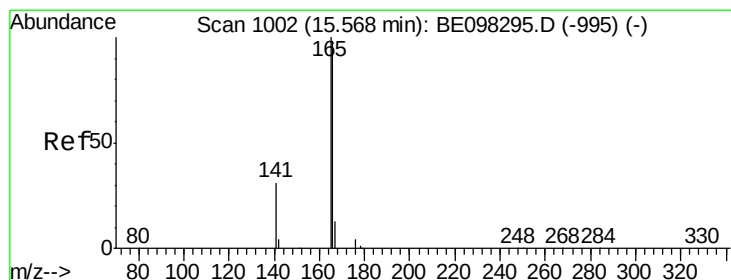
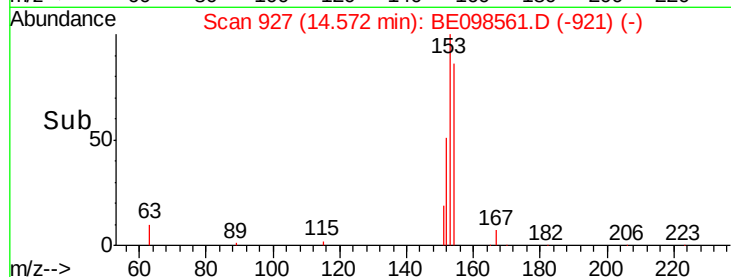
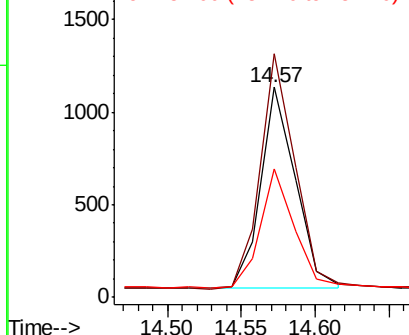
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1749
Ion Ratio Lower Upper
154 100
153 117.2 91.8 137.6
152 57.7 45.5 68.3

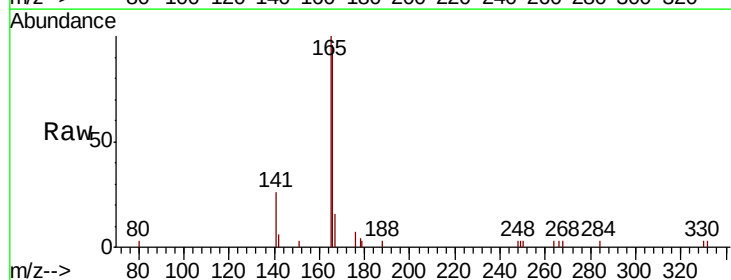


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

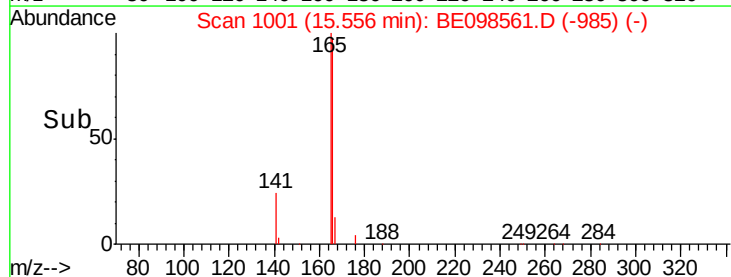
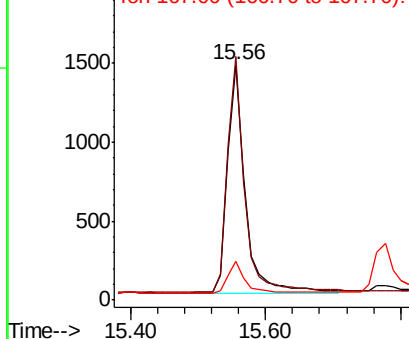


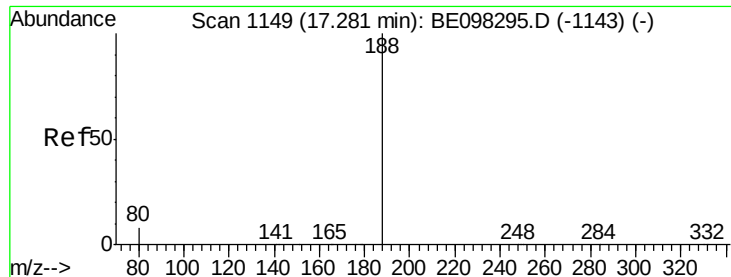
#18
Fluorene
Concen: 0.418 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Tgt Ion:166 Resp: 2733
Ion Ratio Lower Upper
166 100
165 99.4 79.3 118.9
167 12.7 11.3 16.9



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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

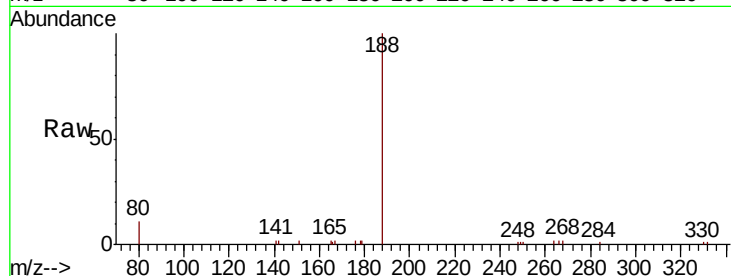
Tot Ion:188 Resp: 5698

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

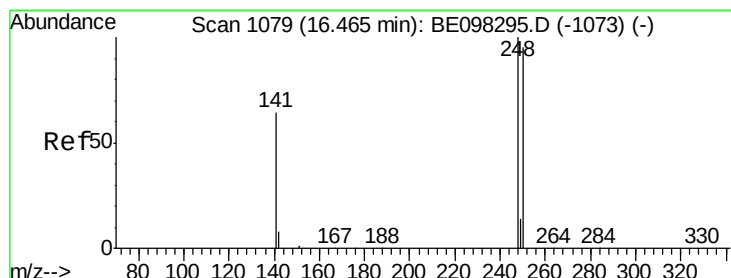
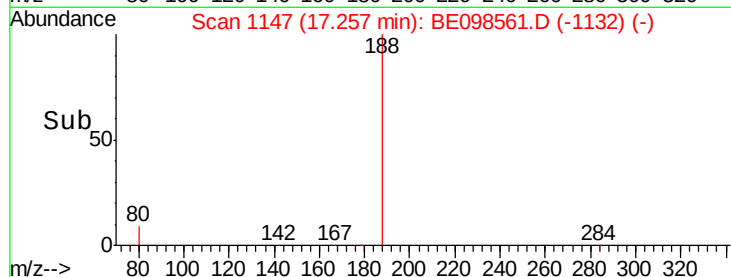
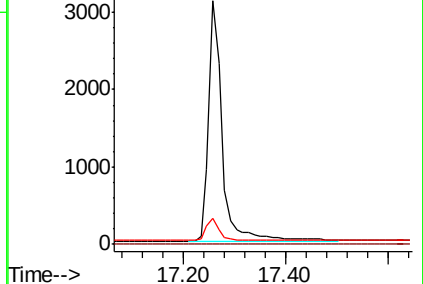
80 10.9 7.2 10.8#



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: 0.303 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

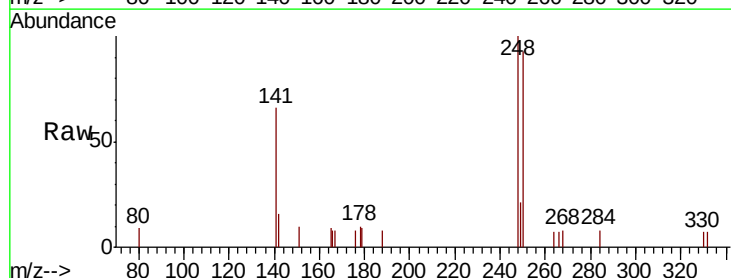
Tgt Ion:248 Resp: 928

Ion Ratio Lower Upper

248 100

250 92.7 71.0 106.6

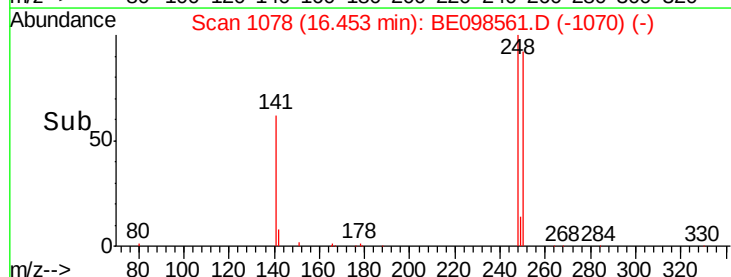
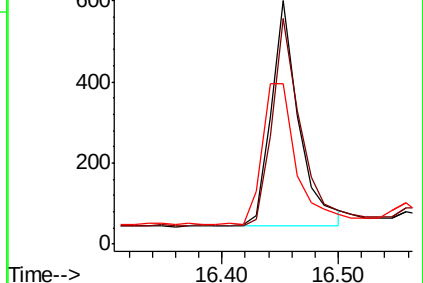
141 65.9 62.1 93.1

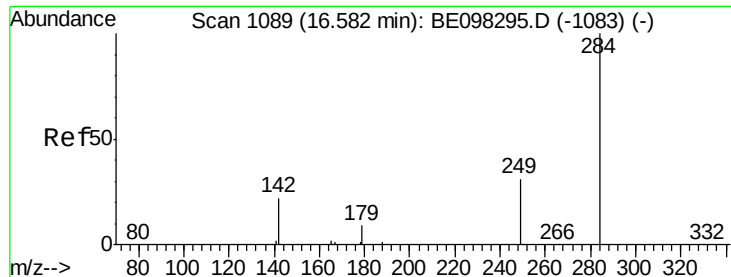


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.345 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampled :

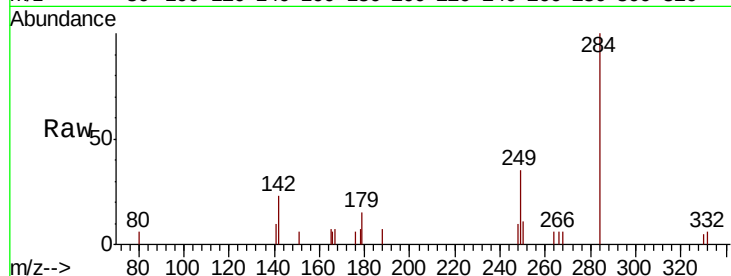
Tot Ion:284 Resp: 1136

Ion Ratio Lower Upper

284 100

142 35.1 26.3 39.5

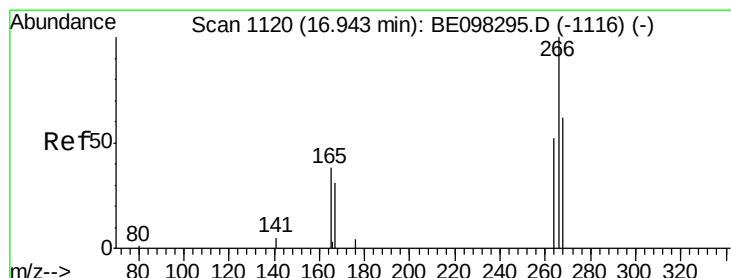
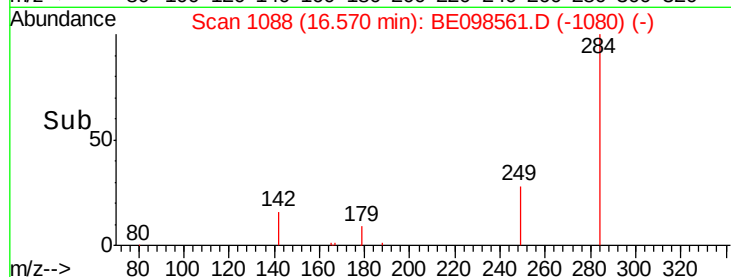
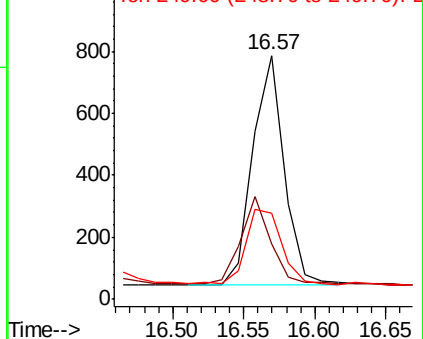
249 37.5 26.0 39.0



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: 0.812 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

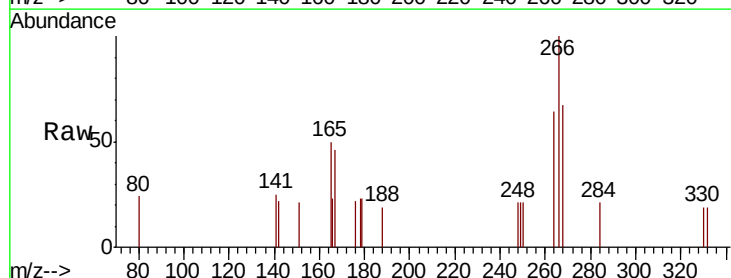
Tgt Ion:266 Resp: 492

Ion Ratio Lower Upper

266 100

264 64.0 59.0 88.4

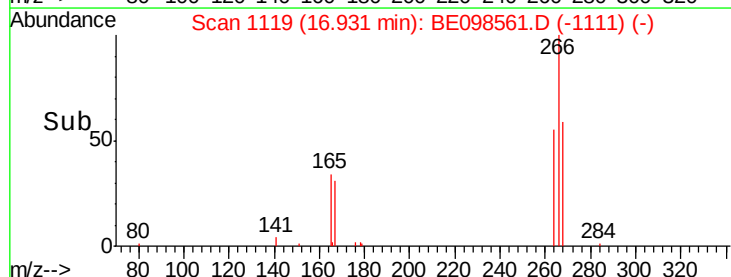
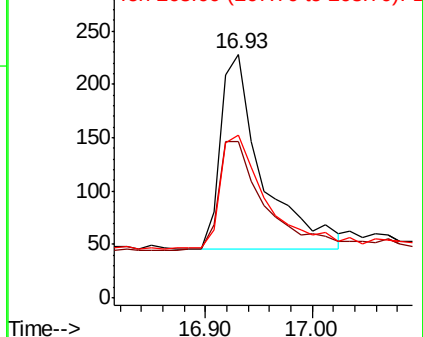
268 67.1 55.1 82.7

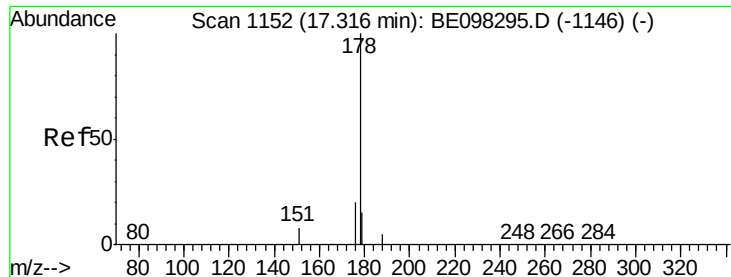


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

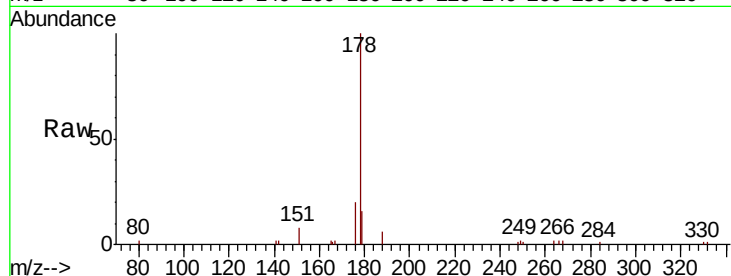
Tot Ion:178 Resp: 5467

Ion Ratio Lower Upper

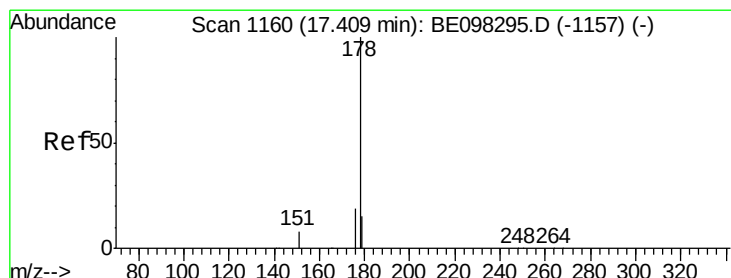
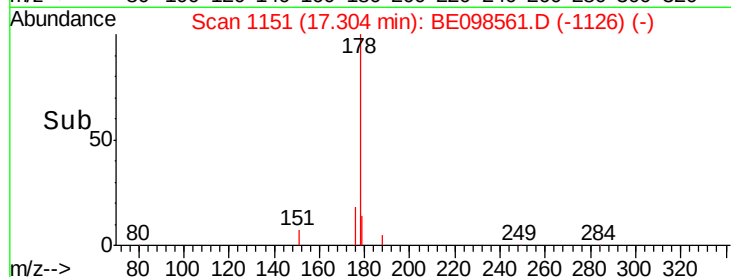
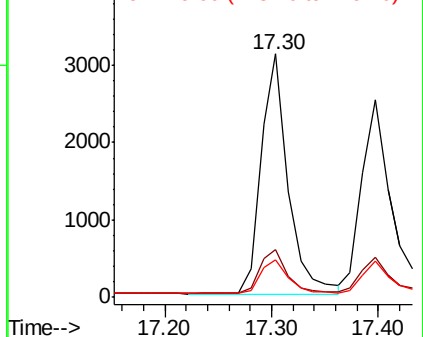
178 100

176 18.5 15.9 23.9

179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.356 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

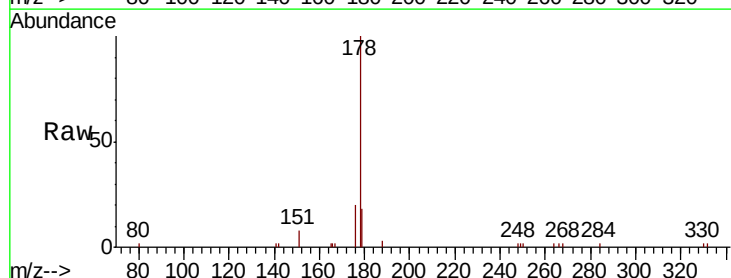
Tgt Ion:178 Resp: 4398

Ion Ratio Lower Upper

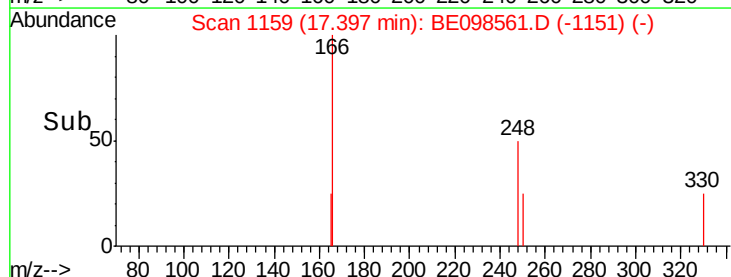
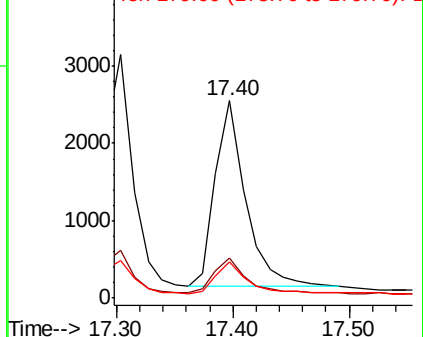
178 100

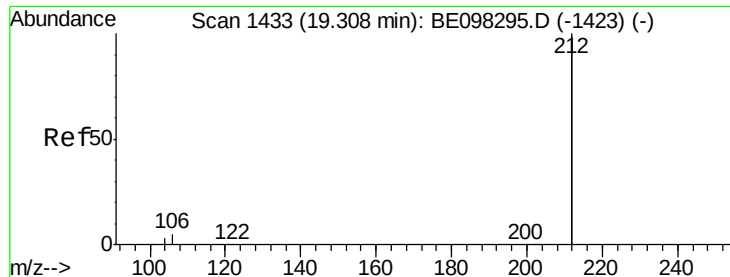
176 19.3 15.0 22.4

179 16.8 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





#25

Fluoranthene-d10

Concen: 0.483 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

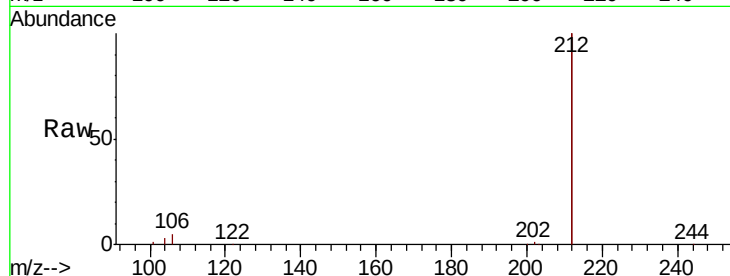
Tot Ion:212 Resp: 35300

Ion Ratio Lower Upper

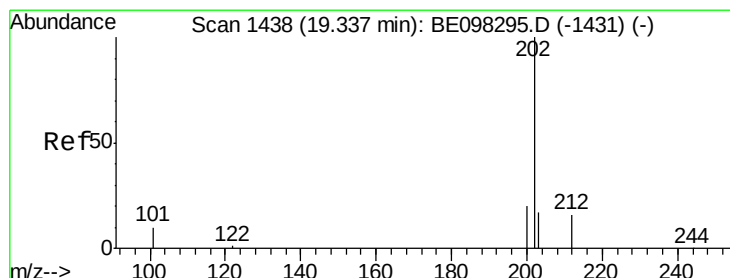
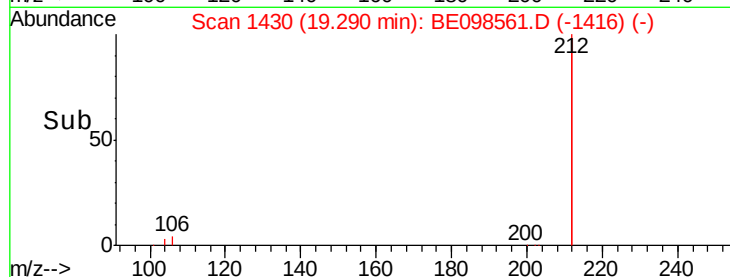
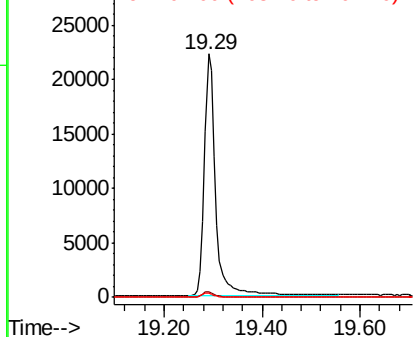
212 100

106 2.2 2.2 3.2

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: 0.451 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

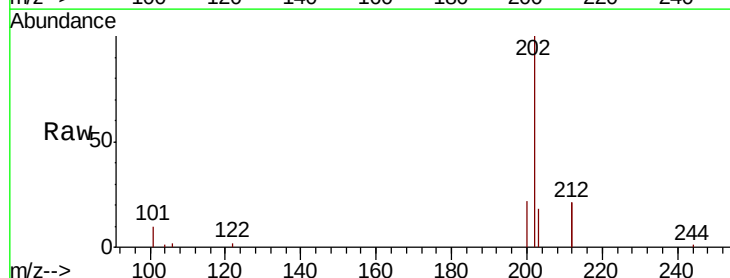
Tgt Ion:202 Resp: 8258

Ion Ratio Lower Upper

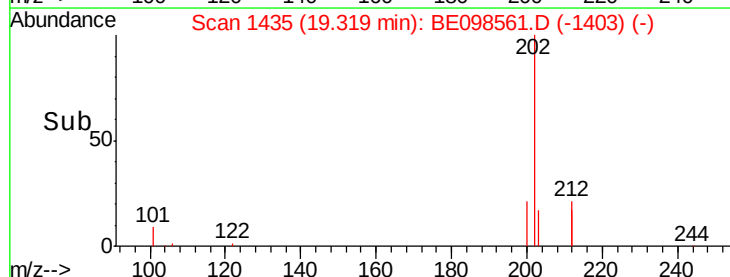
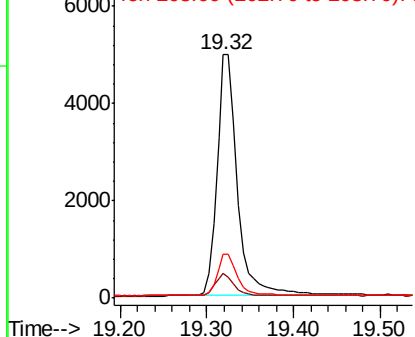
202 100

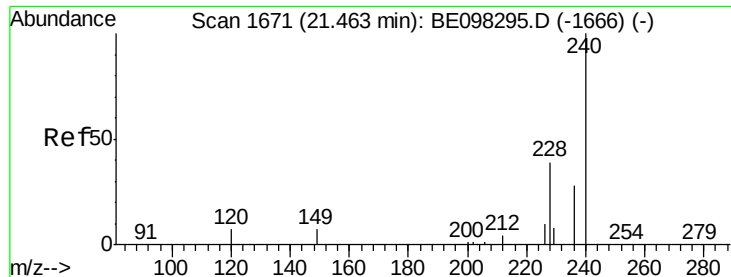
101 8.6 8.0 12.0

203 17.1 13.8 20.6



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

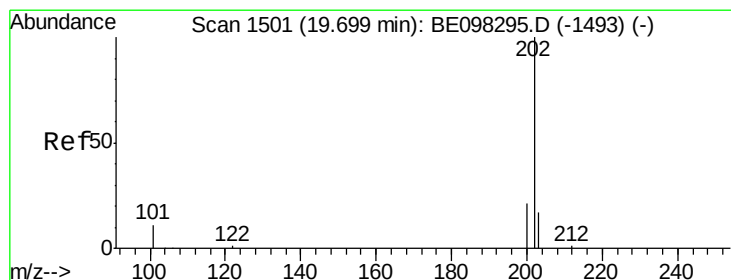
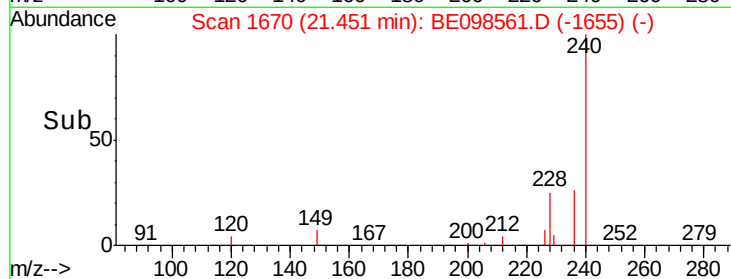
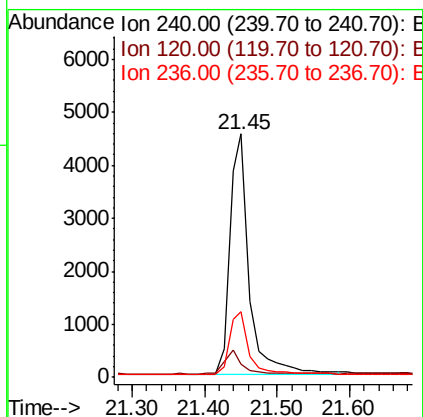
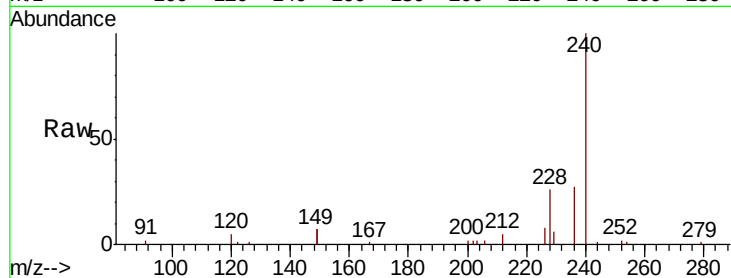




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

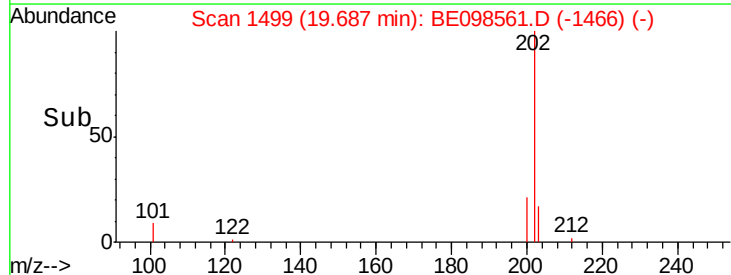
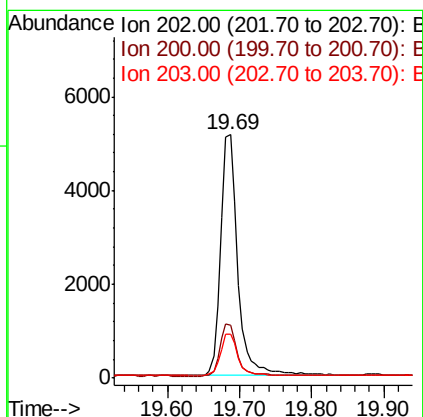
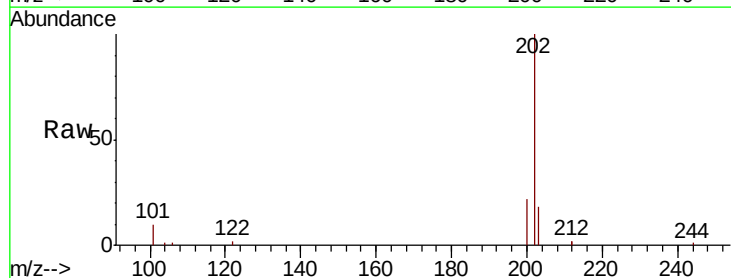
Instrument :
BNA_E
ClientSampleId :

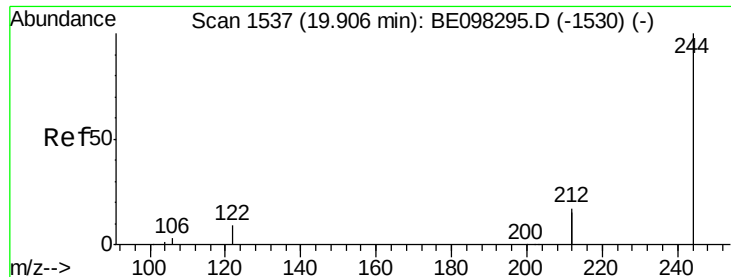
Tot Ion:240 Resp: 8588
Ion Ratio Lower Upper
240 100
120 5.5 9.5 14.3#
236 27.0 22.7 34.1



#28
Pyrene
Concen: 0.314 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098561.D
Acq: 26 Dec 2018 11:22

Tgt Ion:202 Resp: 8465
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.8 14.1 21.1





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

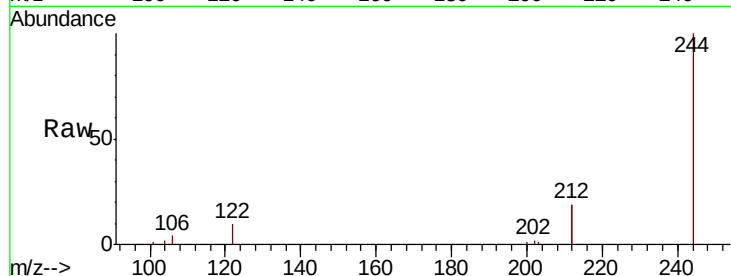
Tot Ion:244 Resp: 7819

Ion Ratio Lower Upper

244 100

212 37.4 27.4 41.0

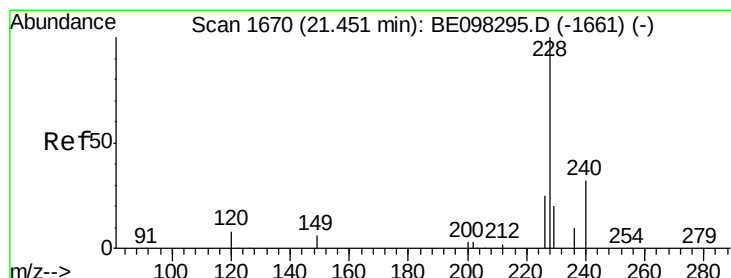
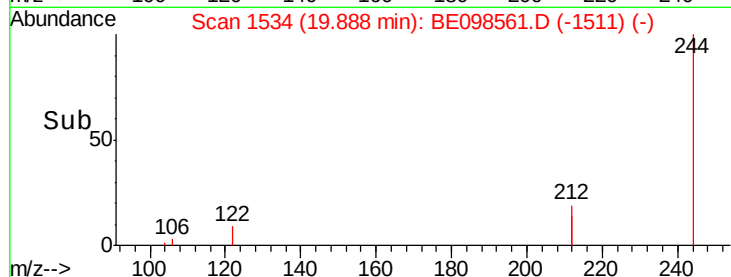
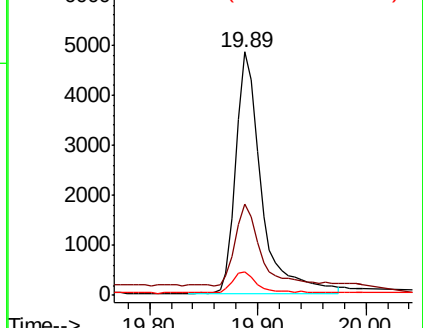
122 9.8 8.3 12.5



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: 0.389 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

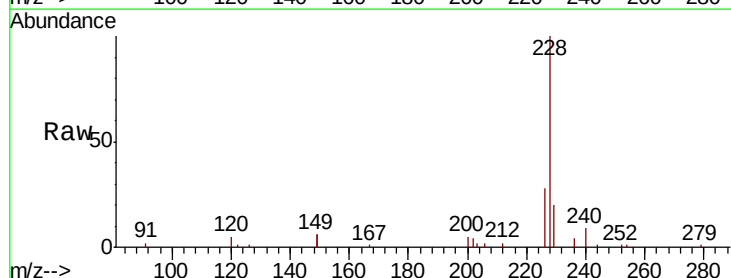
Tgt Ion:228 Resp: 9507

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

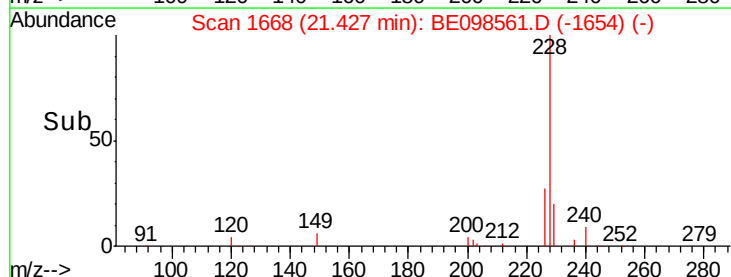
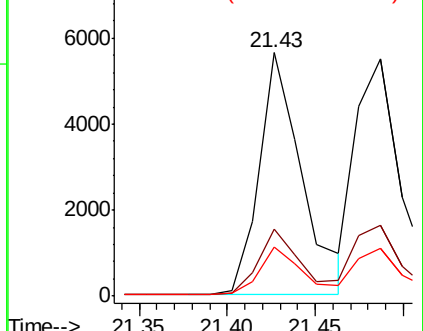
229 20.3 16.3 24.5

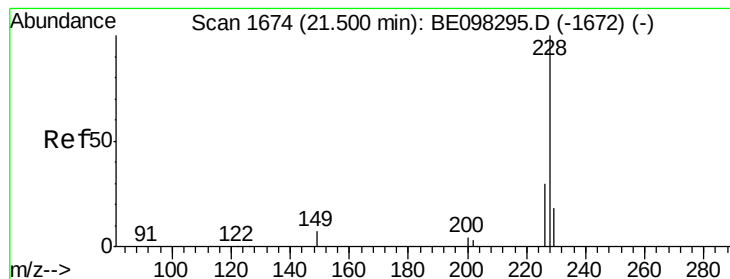


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.371 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

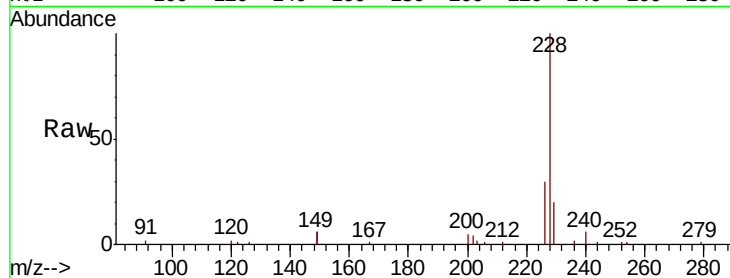
Tot Ion:228 Resp: 9509

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

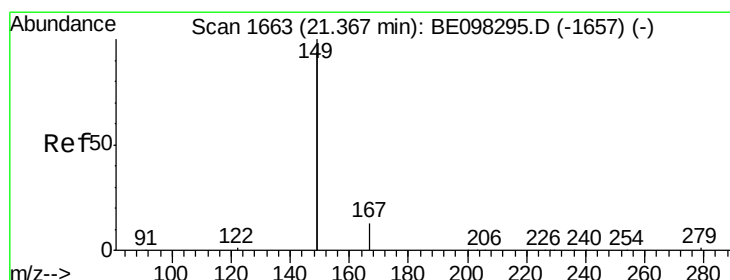
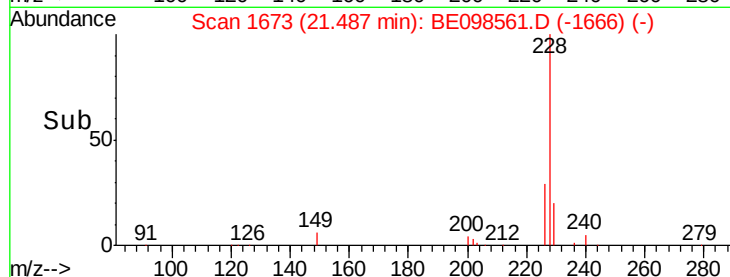
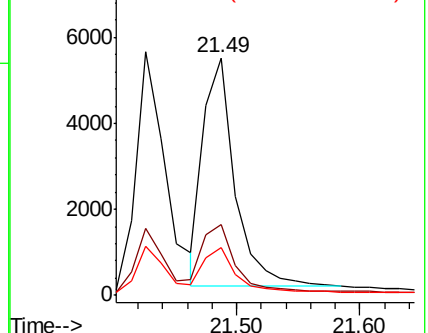
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.301 ng

RT: 21.34 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

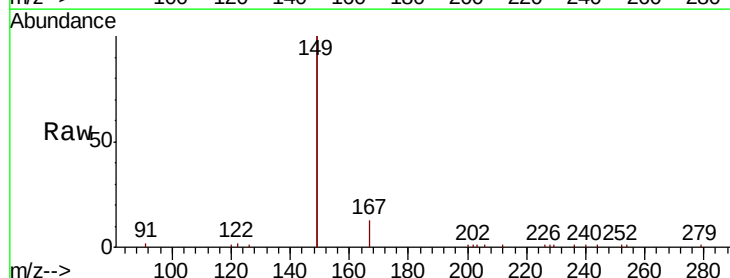
Tgt Ion:149 Resp: 14966

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

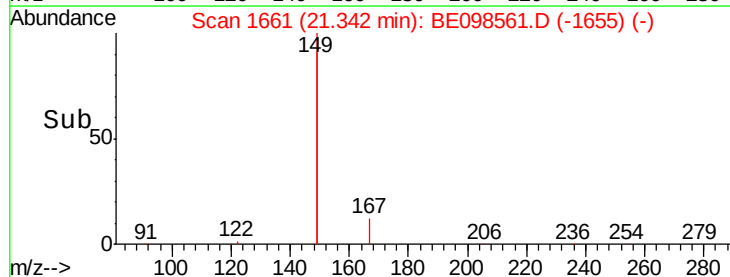
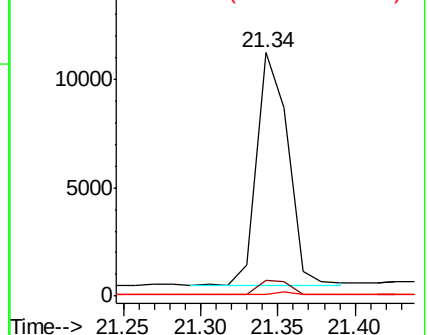
279 1.3 1.0 1.4

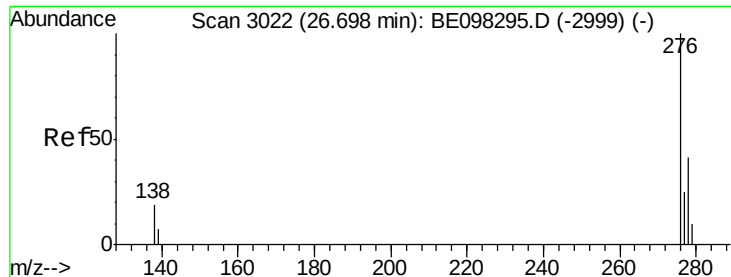


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

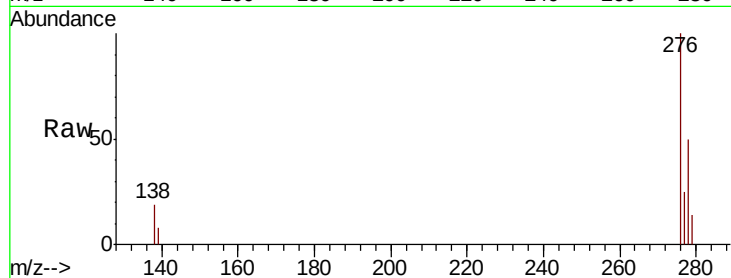




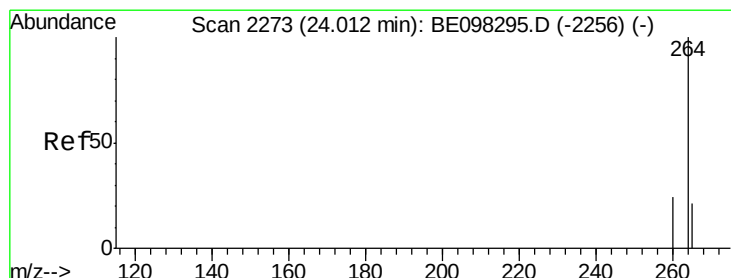
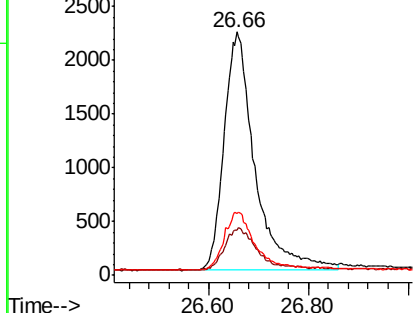
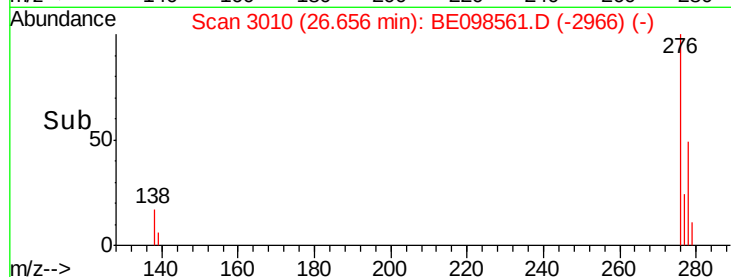
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.376 ng
 RT: 26.66 min Scan# 3010
 Delta R.T. -0.04 min
 Lab File: BE098561.D
 Acq: 26 Dec 2018 11:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 9582
 Ion Ratio Lower Upper
 276 100
 138 17.8 16.3 24.5
 277 23.9 20.2 30.4

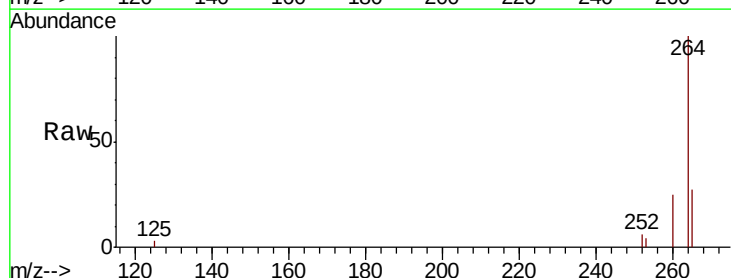


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

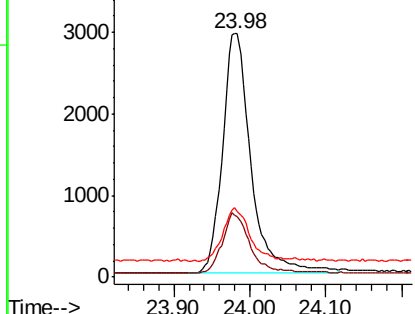
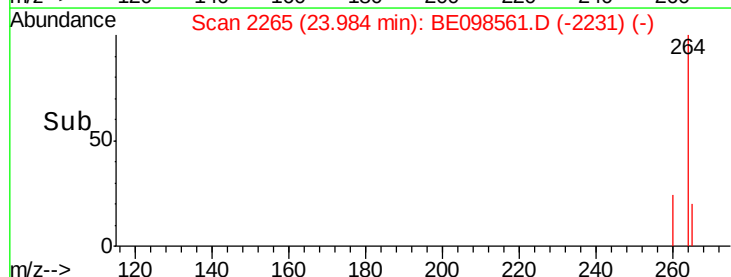


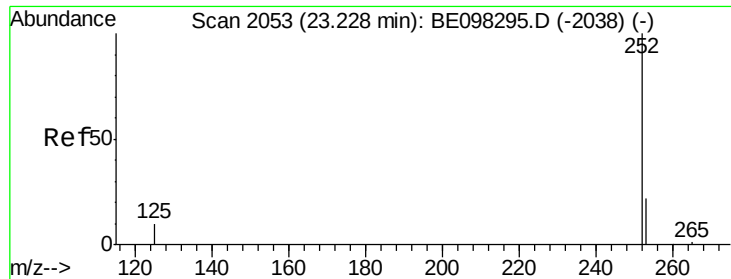
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.98 min Scan# 2265
 Delta R.T. -0.03 min
 Lab File: BE098561.D
 Acq: 26 Dec 2018 11:22

Tgt Ion:264 Resp: 7650
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 26.9 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.431 ng

RT: 23.20 min Scan# 2045

Delta R.T. -0.03 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

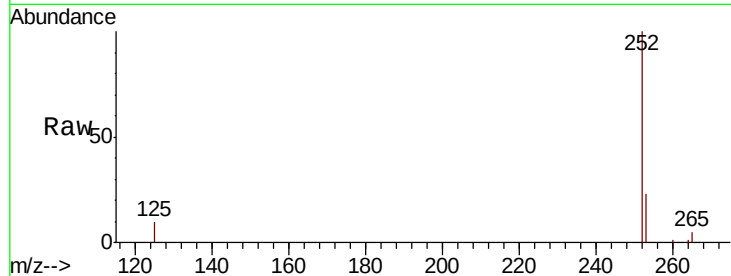
Tot Ion:252 Resp: 9015

Ion Ratio Lower Upper

252 100

253 23.1 20.0 30.0

125 9.7 9.6 14.4

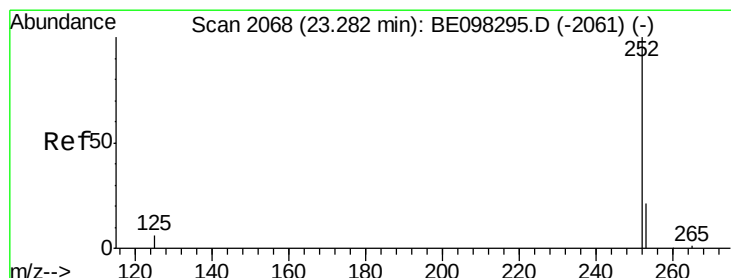
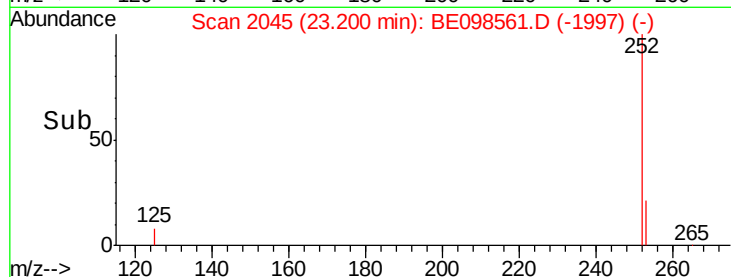
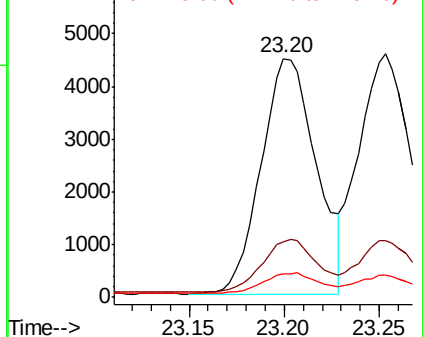


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.370 ng

RT: 23.20 min Scan# 2045

Delta R.T. -0.08 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

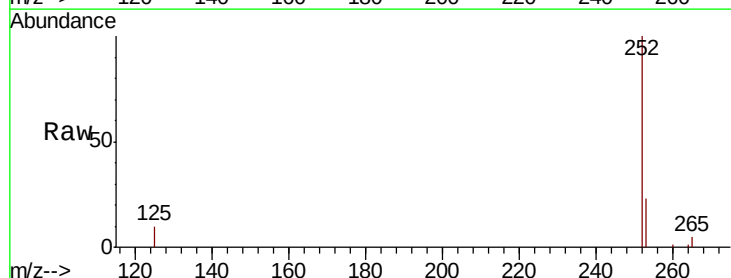
Tgt Ion:252 Resp: 9015

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.6

125 9.7 9.1 13.7

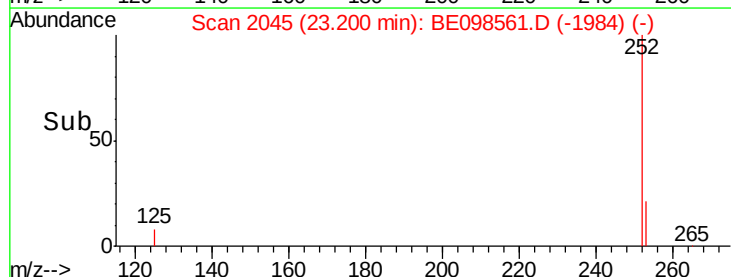
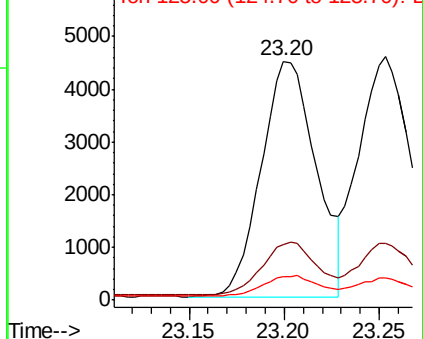


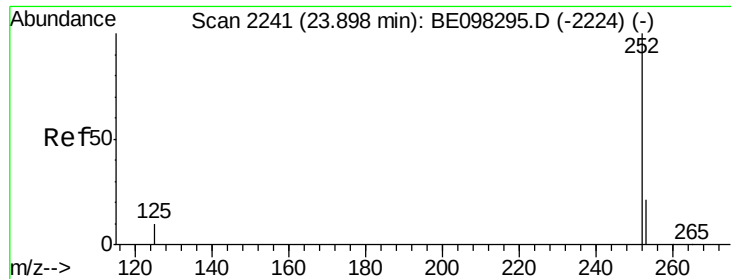
Abundance

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: 0.394 ng

RT: 23.87 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :

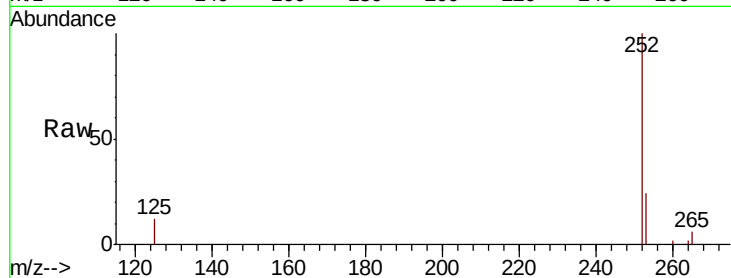
Tot Ion:252 Resp: 8513

Ion Ratio Lower Upper

252 100

253 24.4 20.6 30.8

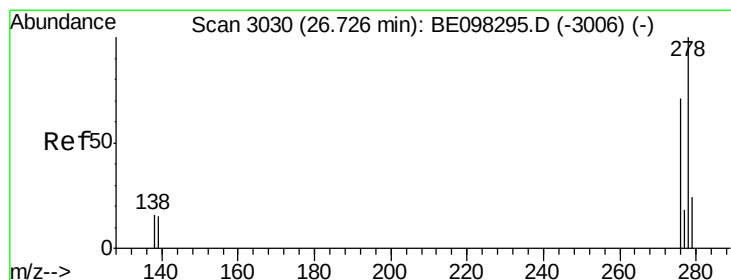
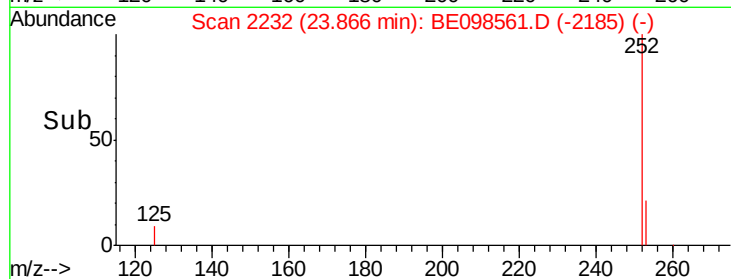
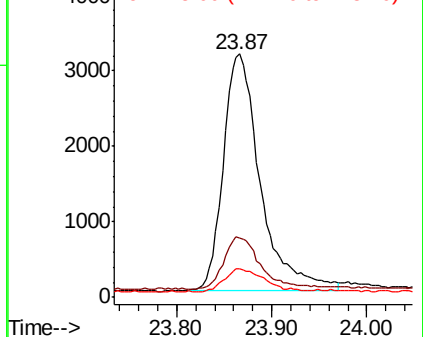
125 11.5 10.5 15.7



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: 0.364 ng

RT: 26.68 min Scan# 3016

Delta R.T. -0.05 min

Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

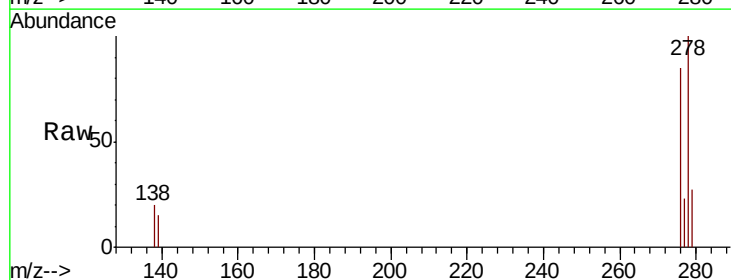
Tgt Ion:278 Resp: 7405

Ion Ratio Lower Upper

278 100

139 14.7 14.5 21.7

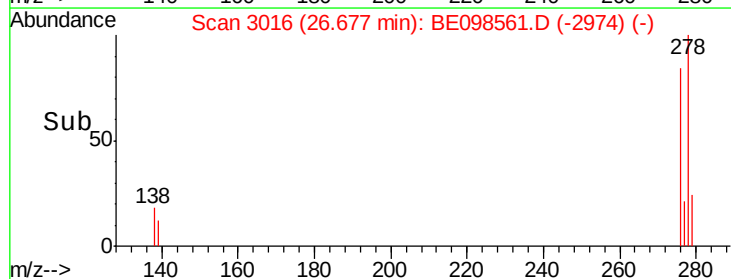
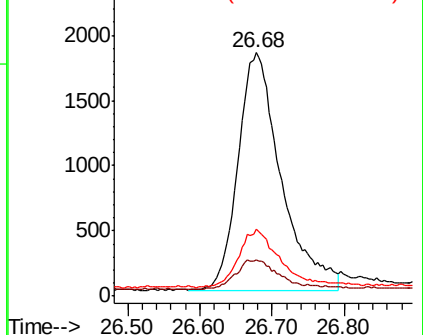
279 27.2 21.8 32.8

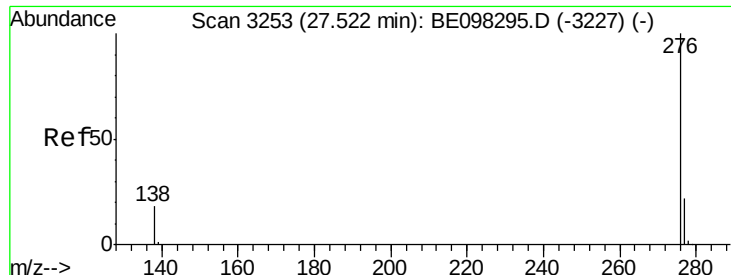


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 27.48 min Scan# 3240

Delta R.T. -0.05 min

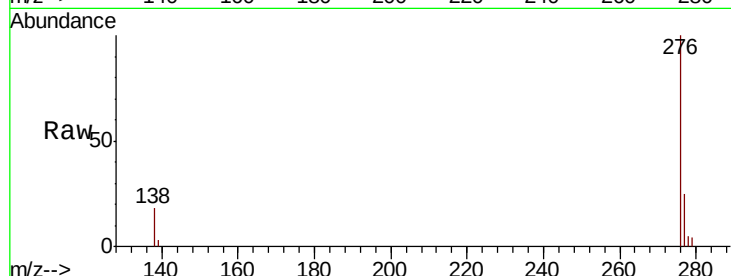
Lab File: BE098561.D

Acq: 26 Dec 2018 11:22

Instrument :

BNA_E

ClientSampleId :



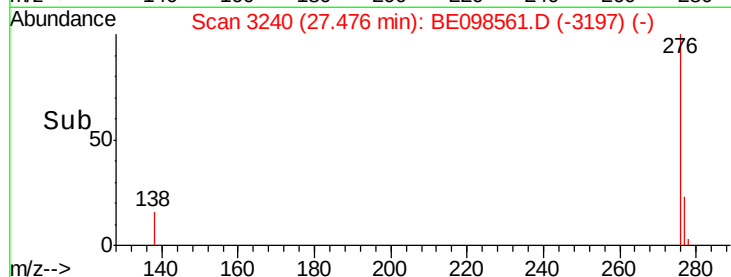
Tot Ion: 276 Resp: 8265

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 18.5 15.8 23.6



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

