

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
 Data File : BE098237.D
 Acq On : 16 Nov 2018 19:45
 Operator : SJ/JU
 Sample : J5957-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-1

Quant Time: Nov 16 22:53:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1264	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6155	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4120	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9614	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10458	0.40	ng	0.00
34) Perylene-d12	24.01	264	9900	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	397	0.12	ng	0.00
5) Phenol-d6	7.04	99	399	0.07	ng	0.00
8) Nitrobenzene-d5	9.03	82	1693	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3021	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	448	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5020	0.28	ng	0.00
25) Fluoranthene-d10	19.31	212	35814	0.31	ng	0.00
29) Terphenyl-d14	19.91	244	5958	0.25	ng	0.00

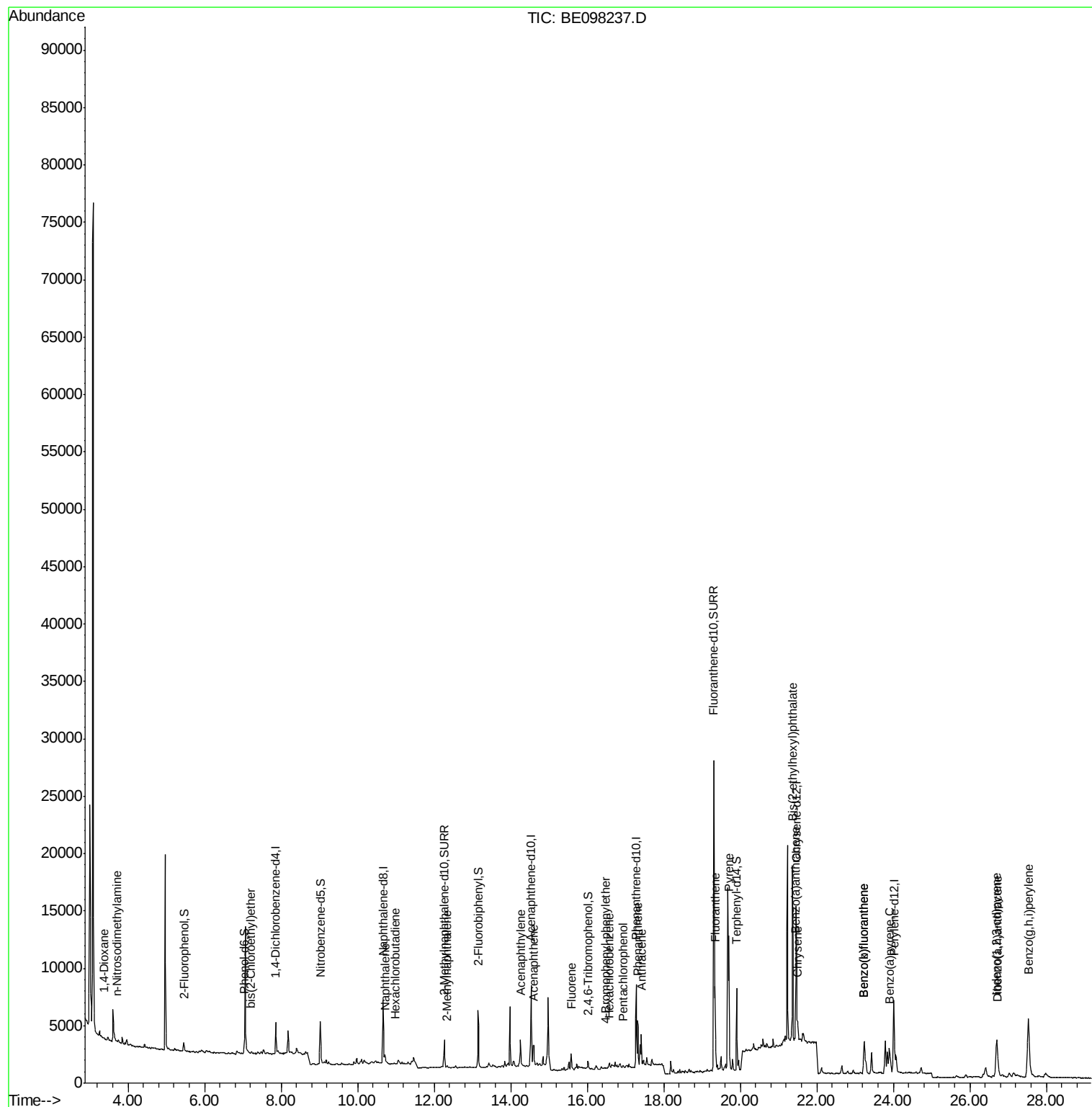
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	104	0.052	ng	# 1
3) n-Nitrosodimethylamine	3.71	42	44	0.020	ng	# 20
6) bis(2-Chloroethyl)ether	7.20	93	66	0.014	ng	# 1
9) Naphthalene	10.72	128	1199	0.019	ng	# 83
10) Hexachlorobutadiene	10.98	225	11	0.003	ng	# 48
12) 2-Methylnaphthalene	12.34	142	103	0.009	ng	# 76
16) Acenaphthylene	14.26	152	3268	0.167	ng	99
17) Acenaphthene	14.60	154	1122	0.096	ng	96
18) Fluorene	15.58	166	1162	0.078	ng	# 97
20) 4-Bromophenyl-phenylether	16.49	248	12	0.002	ng	# 56
21) Hexachlorobenzene	16.58	284	6	0.001	ng	# 1
22) Pentachlorophenol	16.94	266	59	0.149	ng	# 75
23) Phenanthrene	17.31	178	4669	0.189	ng	97
24) Anthracene	17.41	178	3328	0.148	ng	99
26) Fluoranthene	19.34	202	6458	0.218	ng	# 95
28) Pyrene	19.70	202	10671	0.349	ng	# 96
30) Benzo(a)anthracene	21.45	228	2515	0.083	ng	# 65
31) Chrysene	21.50	228	1871	0.060	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.37	149	18896	0.401	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	7100	0.266	ng	# 93
35) Benzo(b)fluoranthene	23.23	252	4975	0.178	ng	# 81
36) Benzo(k)fluoranthene	23.23	252	4975	0.158	ng	# 78
37) Benzo(a)pyrene	23.90	252	3777	0.138	ng	# 80
38) Dibenzo(a,h)anthracene	26.72	278	1394	0.063	ng	# 65
39) Benzo(g,h,i)perylene	27.53	276	14065	0.593	ng	97

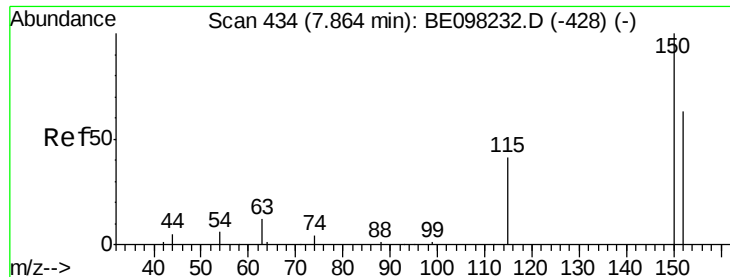
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
Data File : BE098237.D
Acq On : 16 Nov 2018 19:45
Operator : SJ/JU
Sample : J5957-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
W-1

Quant Time: Nov 16 22:53:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

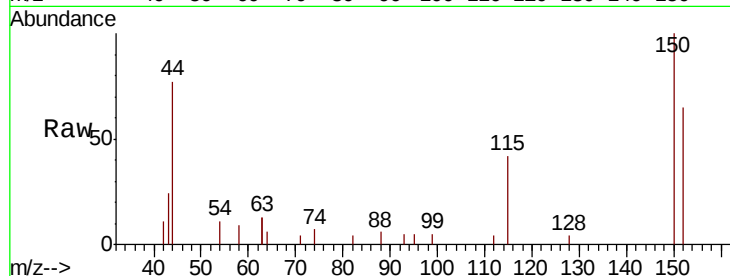
Tgt Ion: 152 Resp: 1264

Ion Ratio Lower Upper

152 100

150 154.8 127.5 191.3

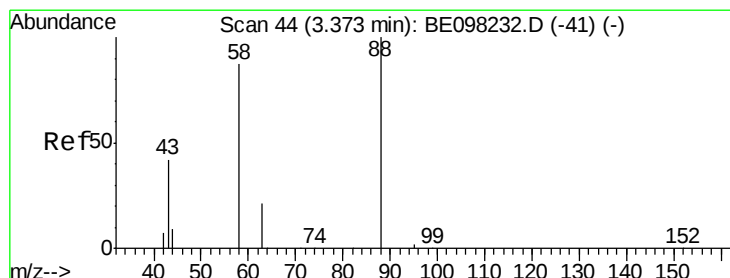
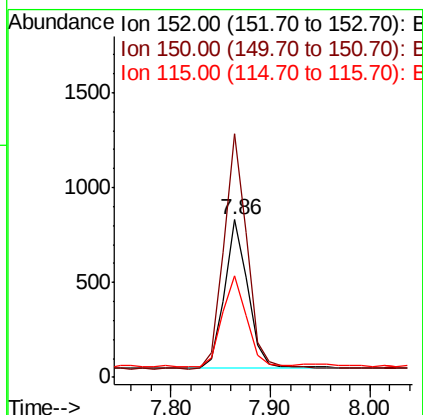
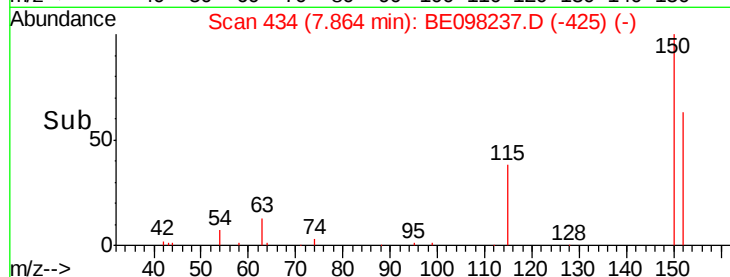
115 64.4 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.052 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

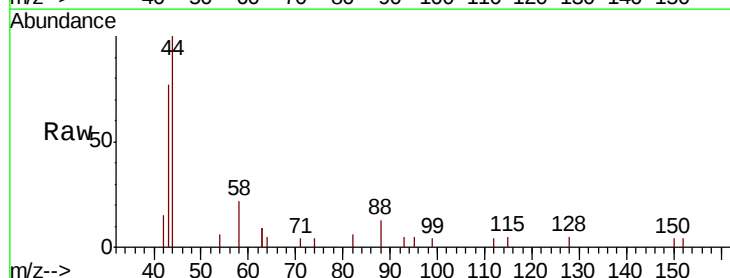
Tgt Ion: 88 Resp: 104

Ion Ratio Lower Upper

88 100

58 44.2 79.0 118.4#

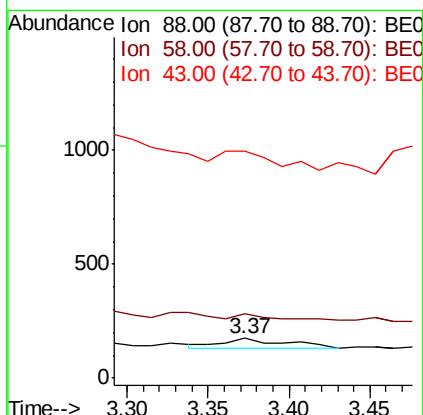
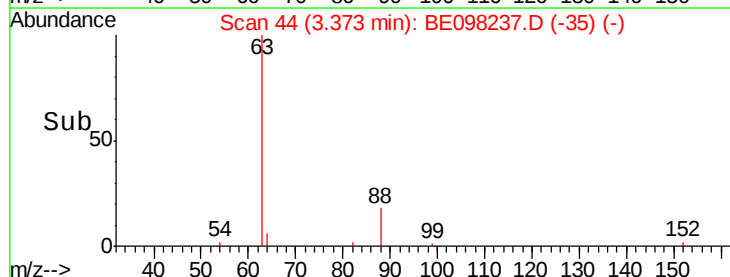
43 194.2 38.1 57.1#

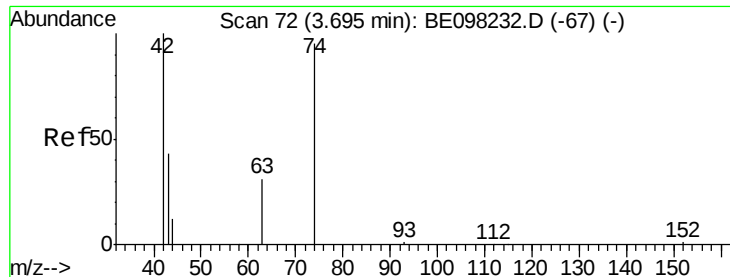


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

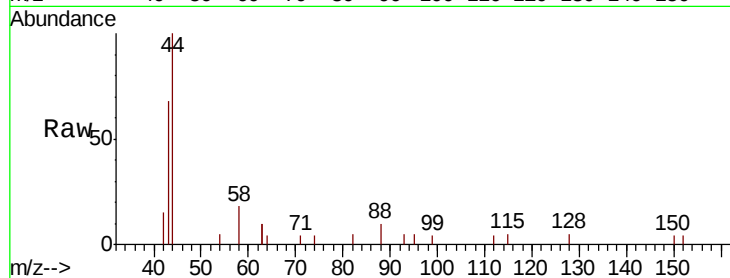
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

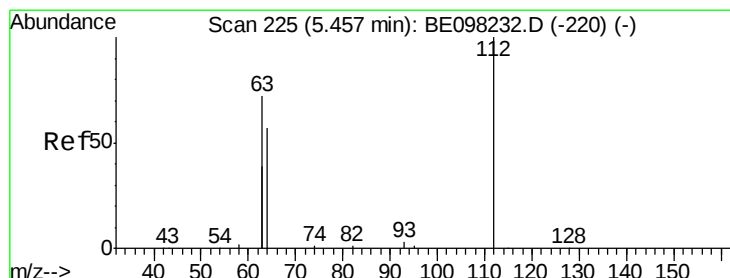
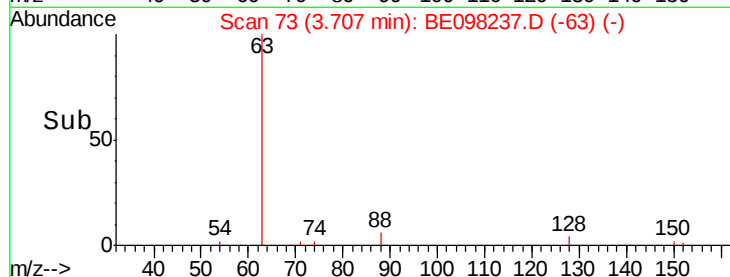
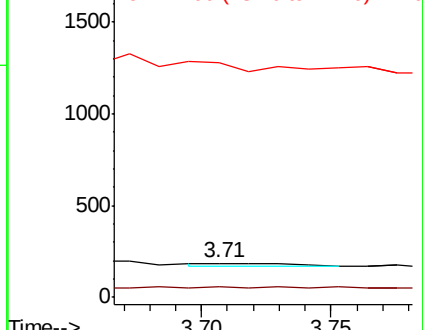
42 100

74 0.0 61.7 92.5#

44 0.0 14.0 21.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.117 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

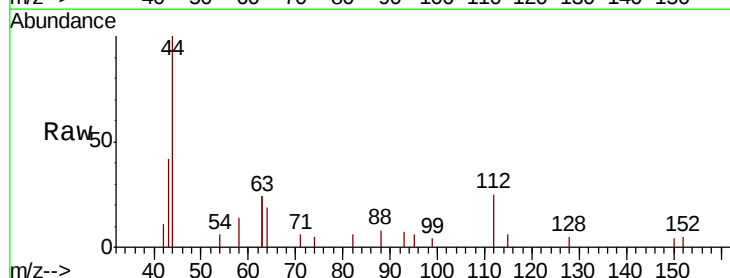
Tgt Ion: 112 Resp: 397

Ion Ratio Lower Upper

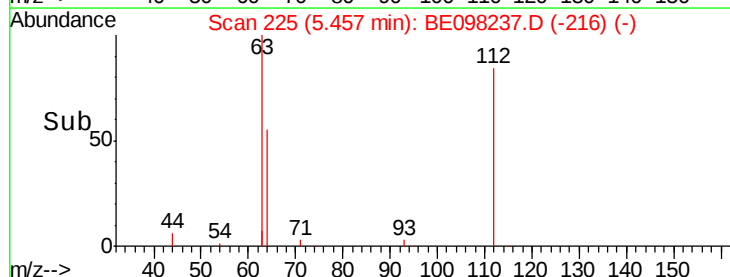
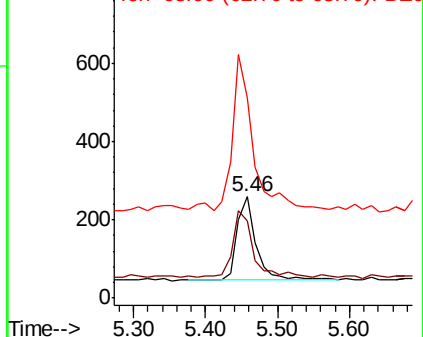
112 100

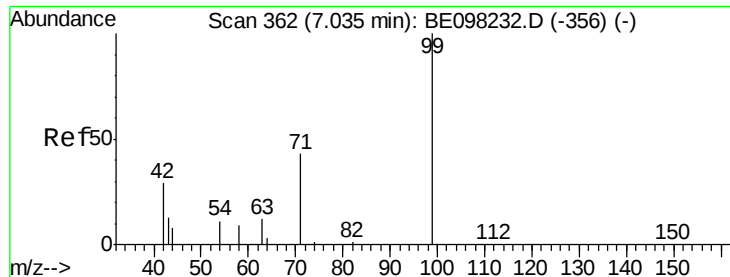
64 84.1 61.7 92.5

63 194.5 136.2 204.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.075 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

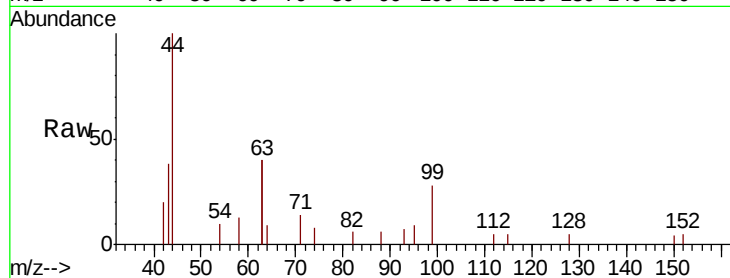
Tgt Ion: 99 Resp: 399

Ion Ratio Lower Upper

99 100

42 0.0 27.1 40.7#

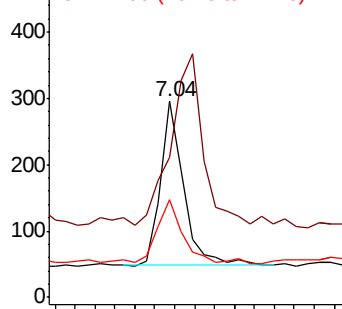
71 37.8 37.0 55.6



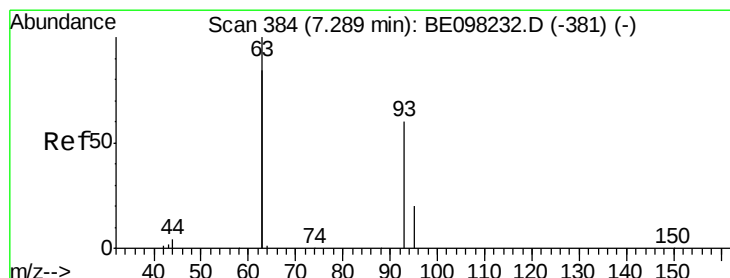
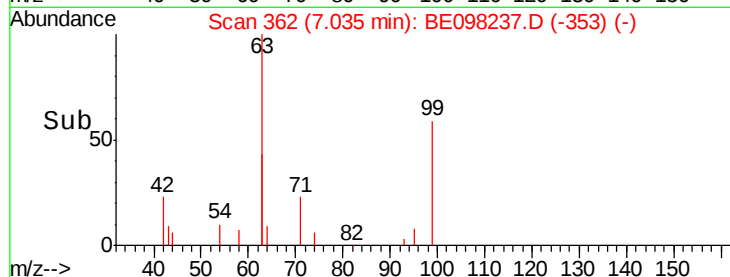
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.014 ng

RT: 7.20 min Scan# 376

Delta R.T. -0.09 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

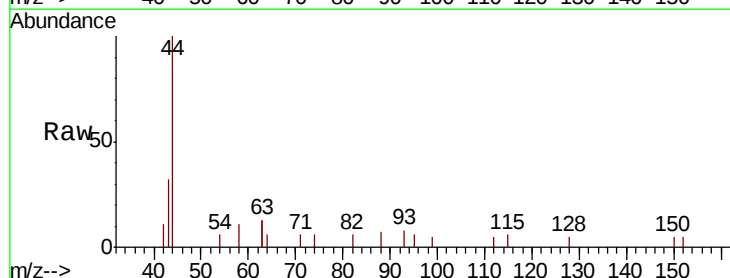
Tgt Ion: 93 Resp: 66

Ion Ratio Lower Upper

93 100

63 0.0 272.6 409.0#

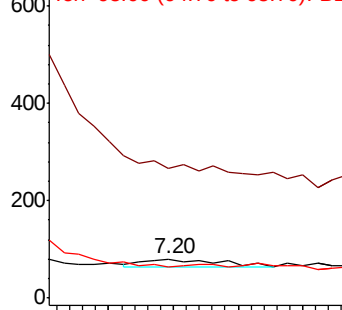
95 0.0 27.1 40.7#



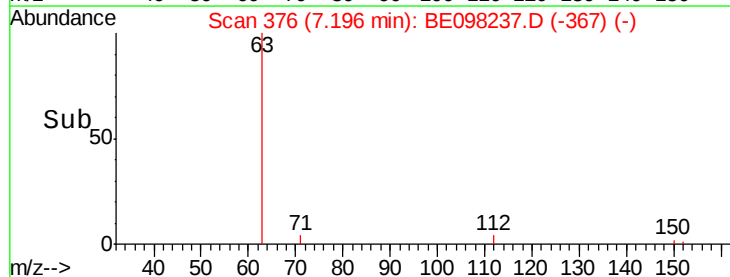
Abundance Ion 93.00 (92.70 to 93.70): BE0

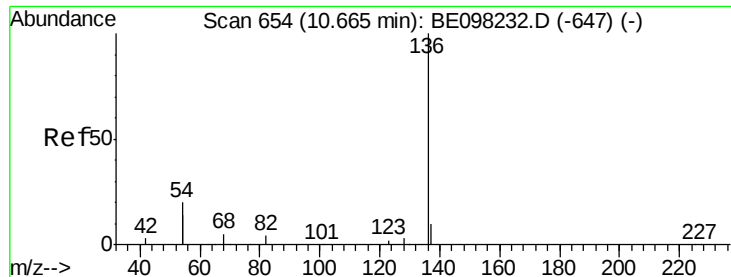
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

Tgt Ion: 136 Resp: 6155

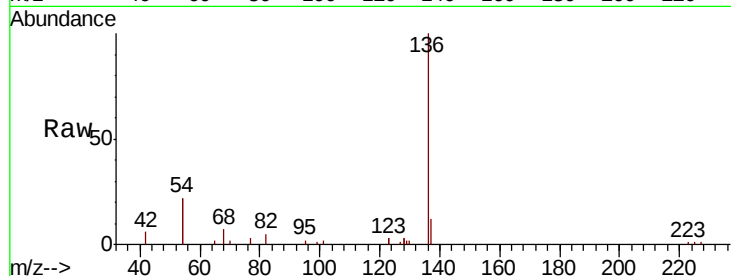
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 43.3 31.3 46.9

68 7.3 4.8 7.2#

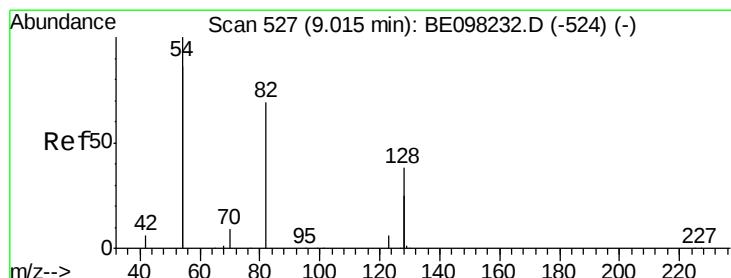
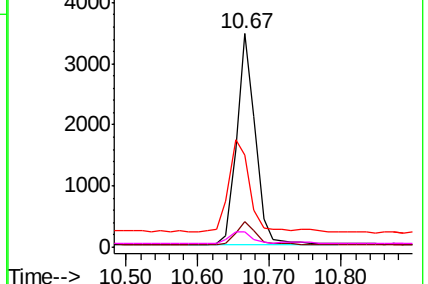
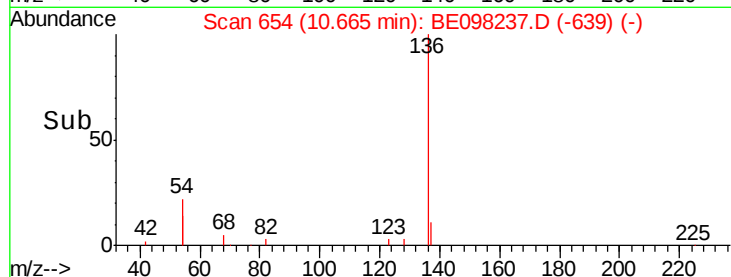


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.291 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

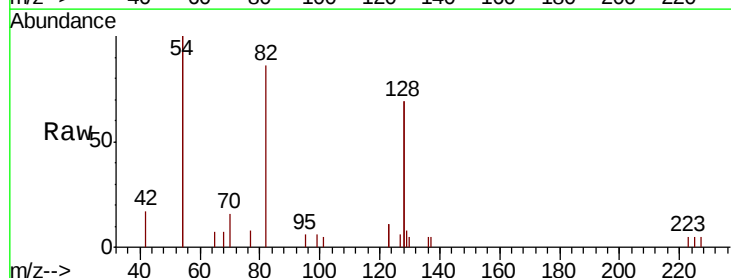
Tgt Ion: 82 Resp: 1693

Ion Ratio Lower Upper

82 100

128 159.6 96.1 144.1#

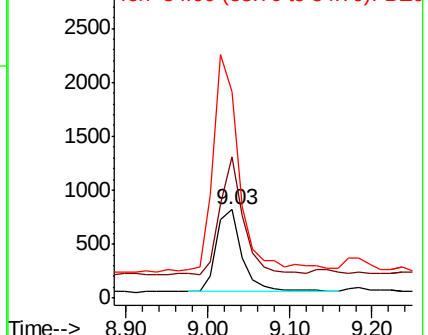
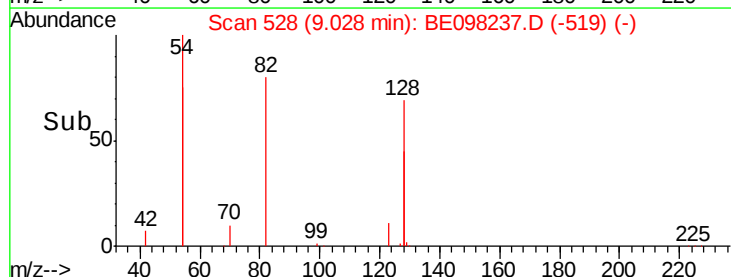
54 232.9 232.0 348.0

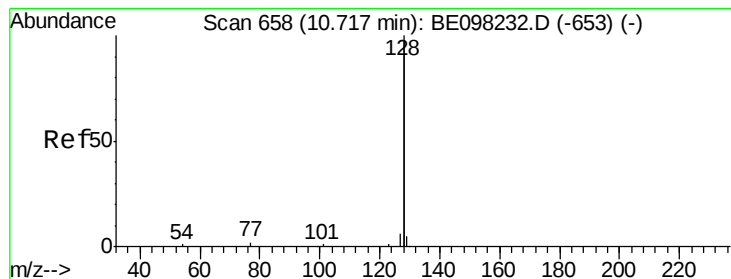


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.019 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampled :

W-1

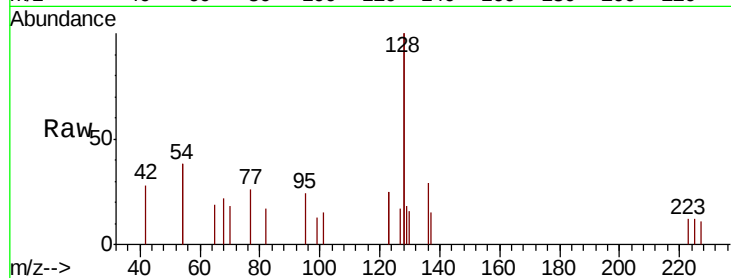
Tgt Ion:128 Resp: 1199

Ion Ratio Lower Upper

128 100

129 9.2 2.6 4.0#

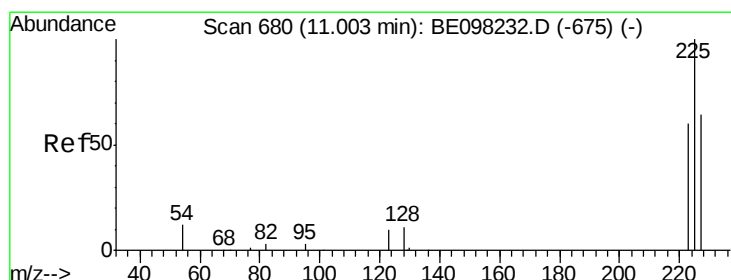
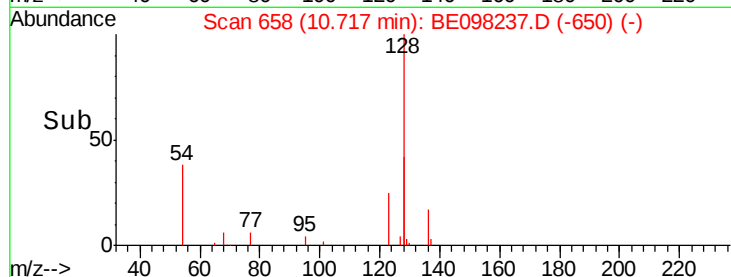
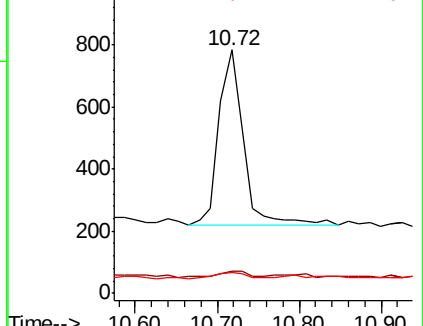
127 8.5 2.8 4.2#



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: 0.003 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.03 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

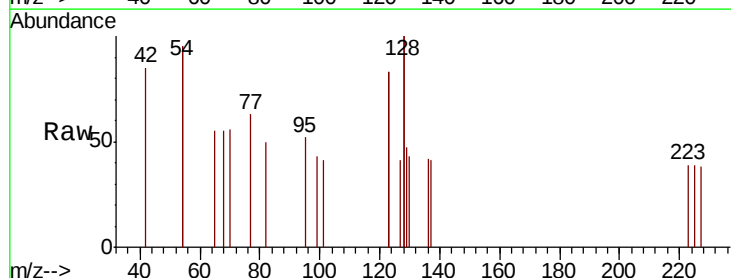
Tgt Ion:225 Resp: 11

Ion Ratio Lower Upper

225 100

223 0.0 50.5 75.7#

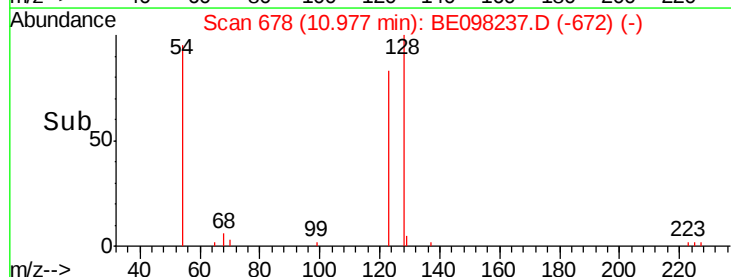
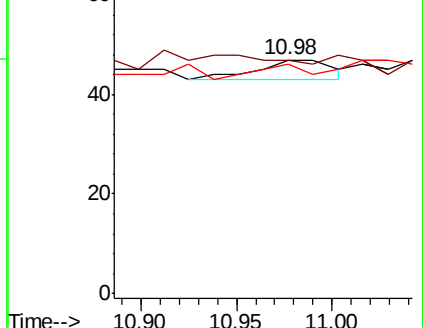
227 45.5 50.3 75.5#

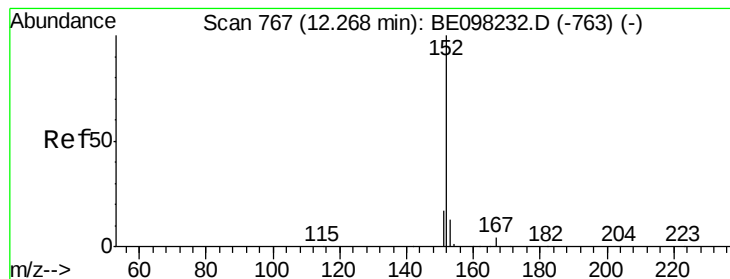


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.280 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

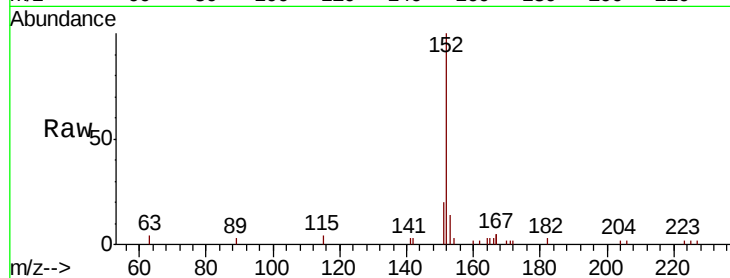
W-1

Tgt Ion:152 Resp: 3021

Ion Ratio Lower Upper

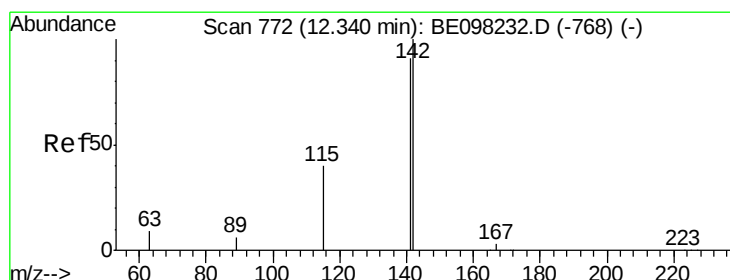
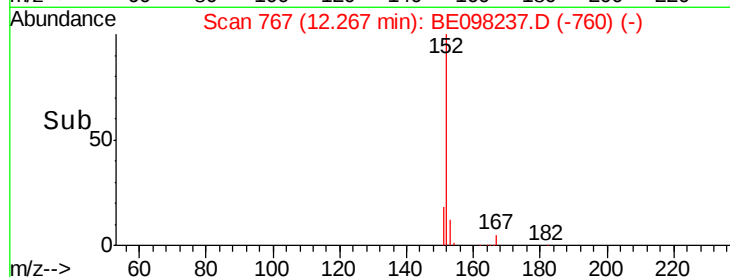
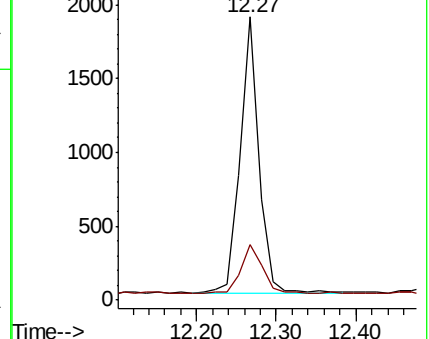
152 100

151 19.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.009 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

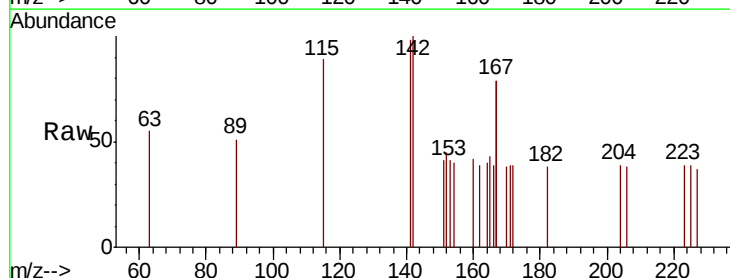
Tgt Ion:142 Resp: 103

Ion Ratio Lower Upper

142 100

141 98.3 76.3 114.5

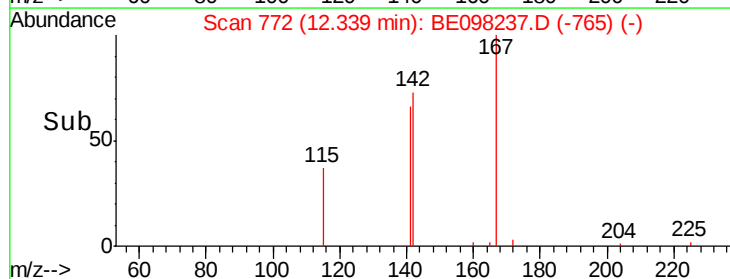
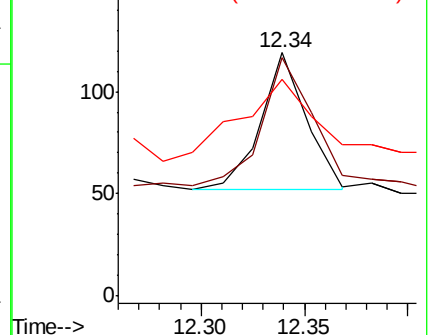
115 89.1 35.8 53.8#

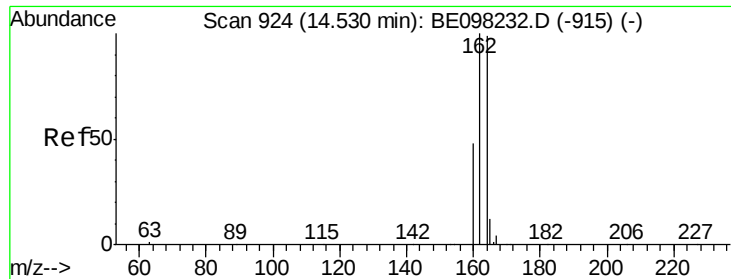


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

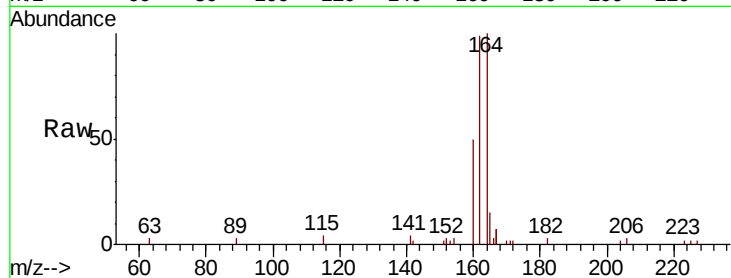
Tgt Ion:164 Resp: 4120

Ion Ratio Lower Upper

164 100

162 99.0 81.8 122.6

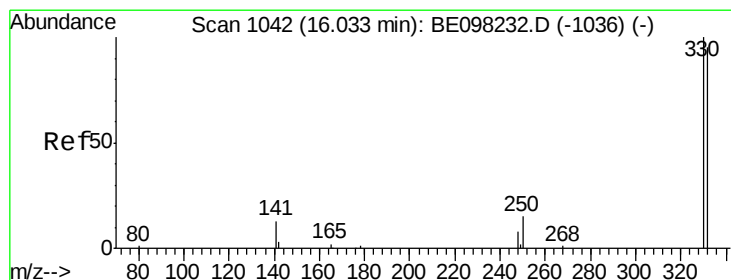
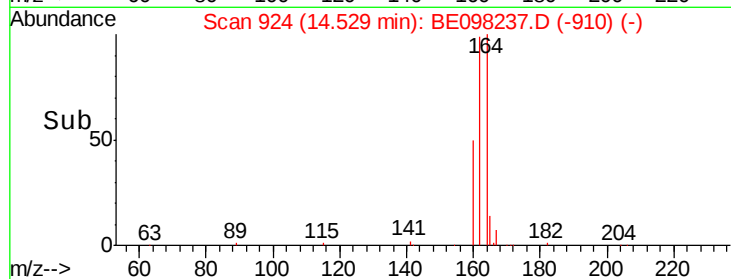
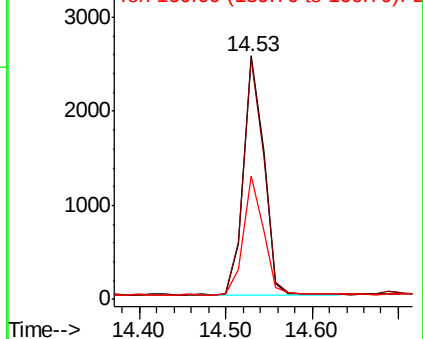
160 50.4 39.4 59.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.338 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

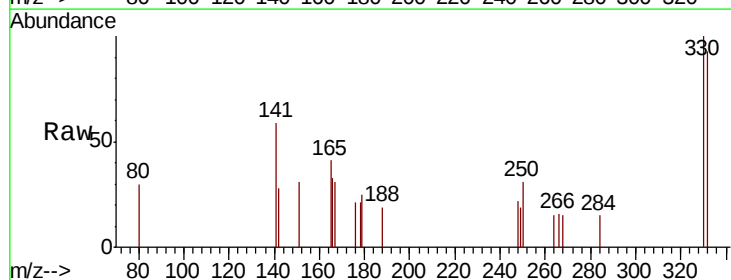
Tgt Ion:330 Resp: 448

Ion Ratio Lower Upper

330 100

332 100.0 77.7 116.5

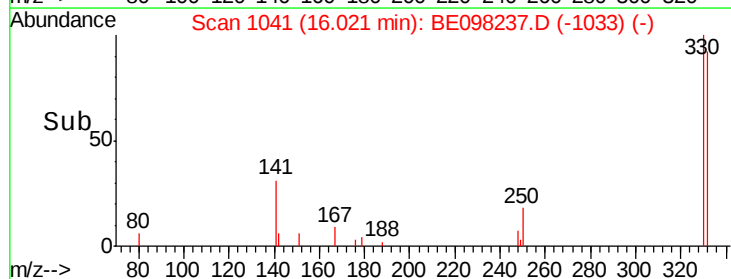
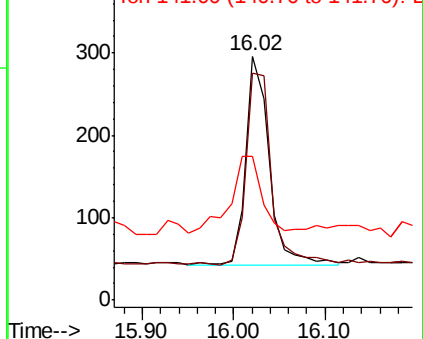
141 49.1 33.6 50.4

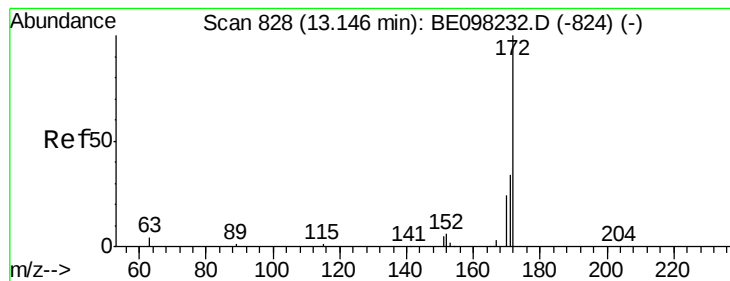


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.280 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

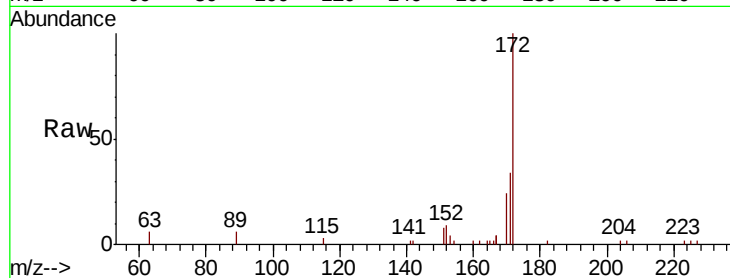
Tgt Ion:172 Resp: 5020

Ion Ratio Lower Upper

172 100

171 33.7 27.3 40.9

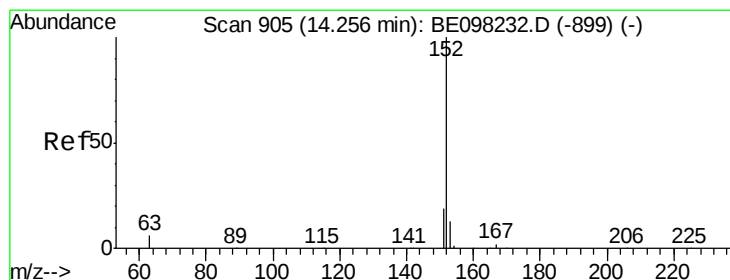
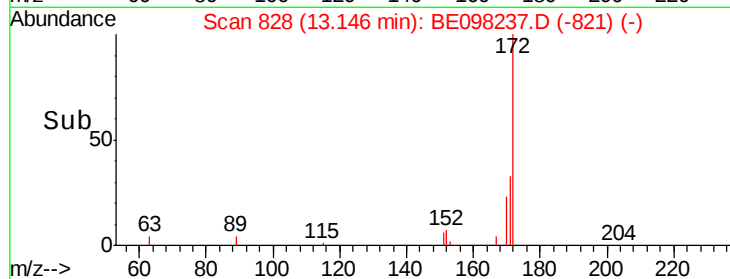
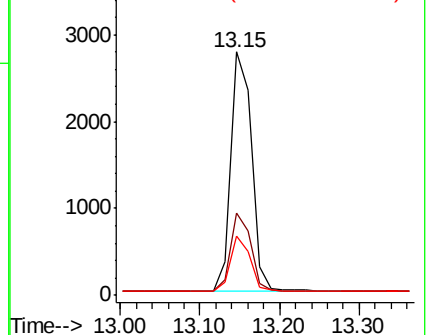
170 24.2 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.167 ng

RT: 14.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

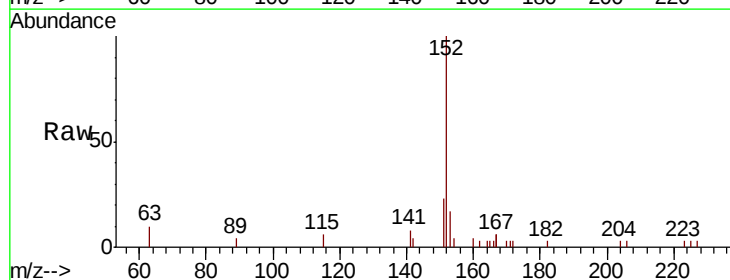
Tgt Ion:152 Resp: 3268

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

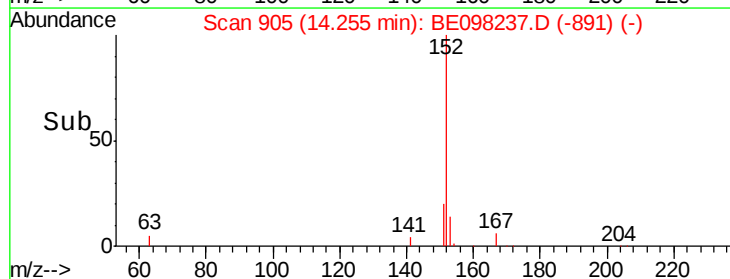
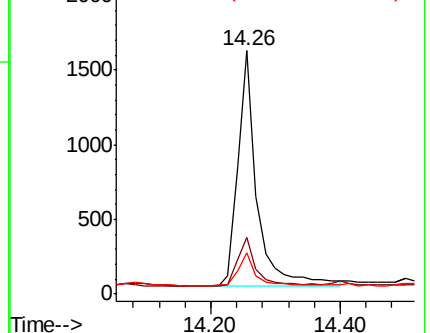
153 12.5 10.6 15.8

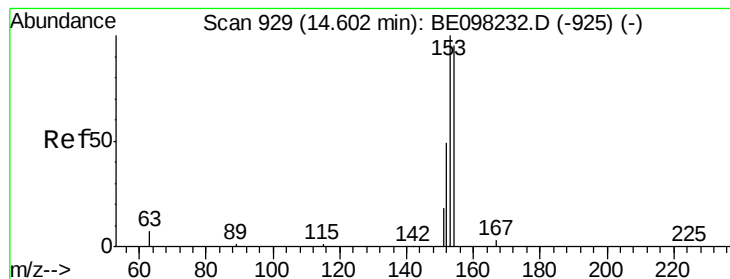


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.096 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

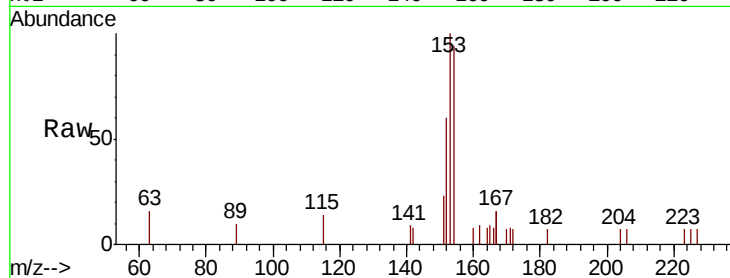
Tgt Ion:154 Resp: 1122

Ion Ratio Lower Upper

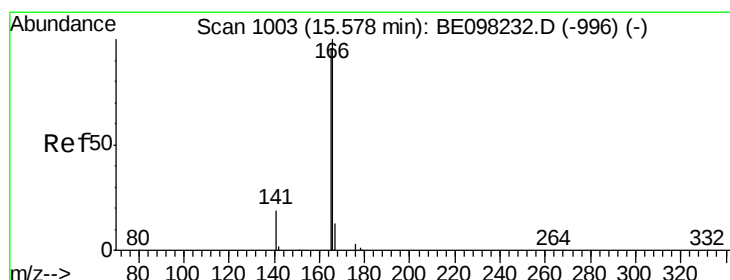
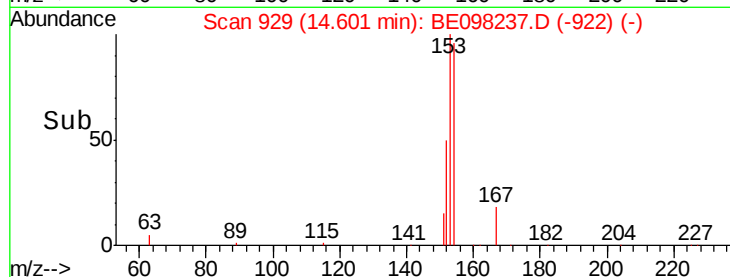
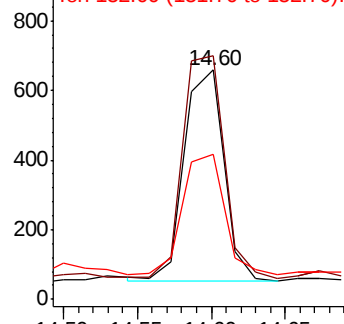
154 100

153 110.4 92.1 138.1

152 60.8 46.2 69.2



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



#18

Fluorene

Concen: 0.078 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

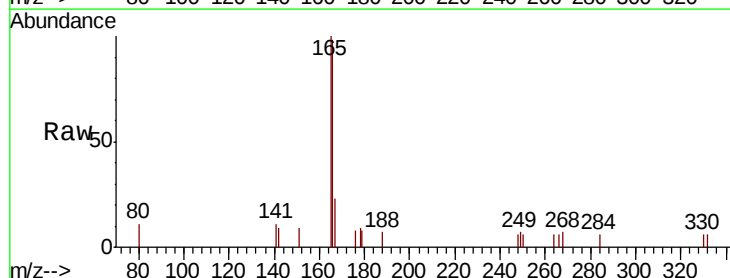
Tgt Ion:166 Resp: 1162

Ion Ratio Lower Upper

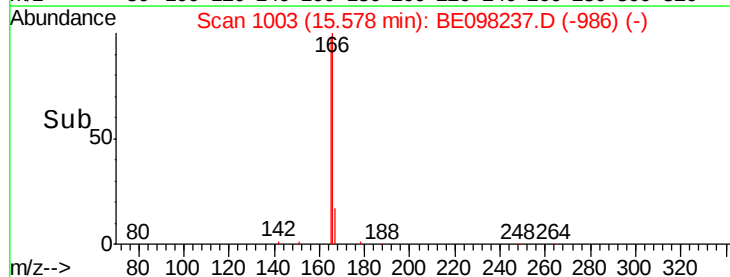
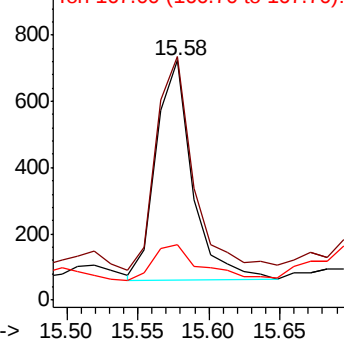
166 100

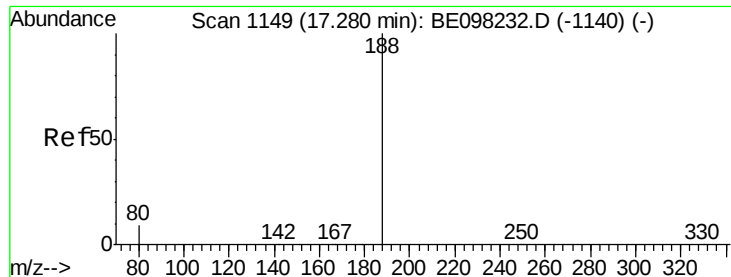
165 100.6 80.1 120.1

167 22.8 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

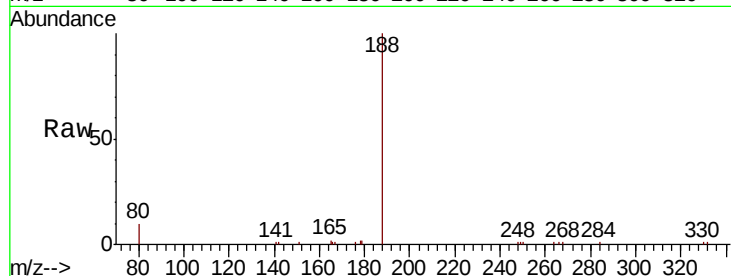
Tgt Ion:188 Resp: 9614

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

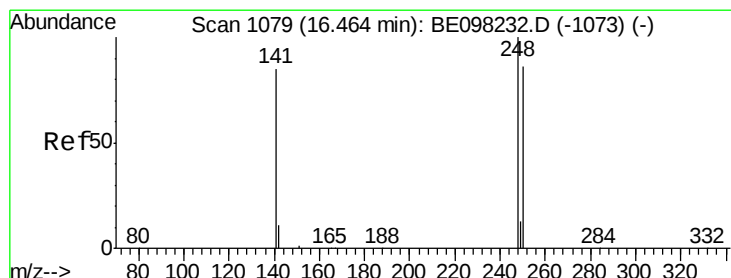
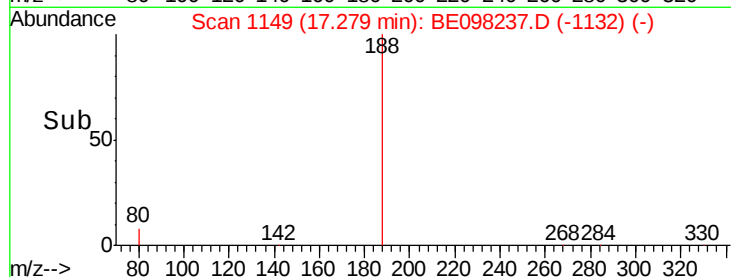
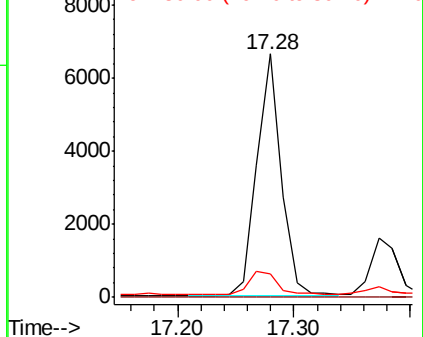
80 9.6 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

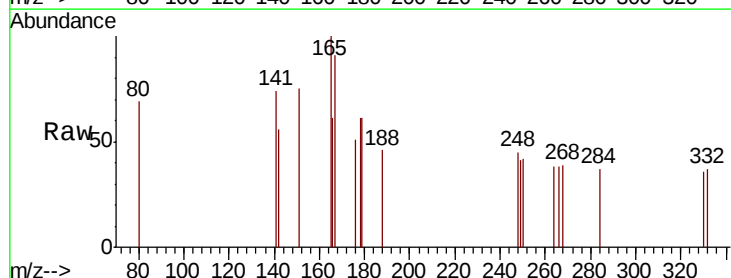
Tgt Ion:248 Resp: 12

Ion Ratio Lower Upper

248 100

250 92.7 77.6 116.4

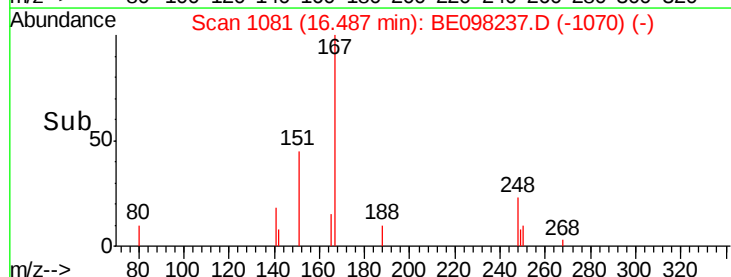
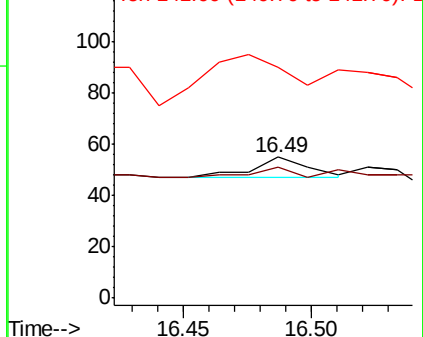
141 163.6 65.8 98.8#

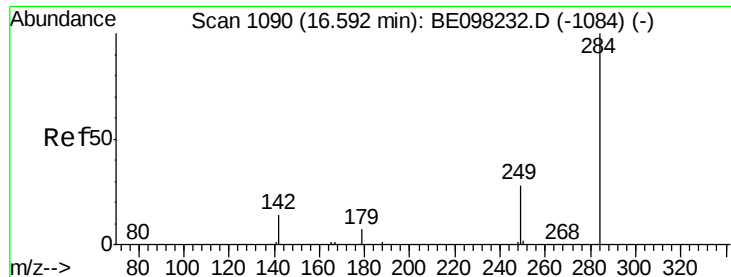


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

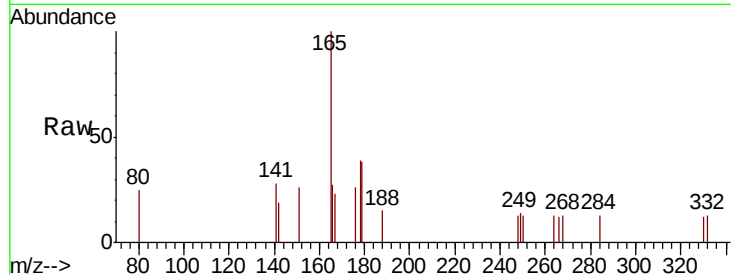
Instrument :

BNA_E

ClientSampleId :

W-1

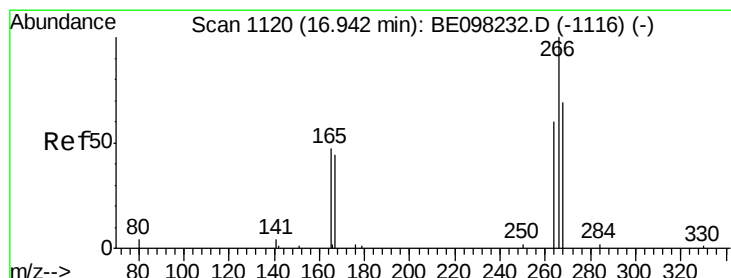
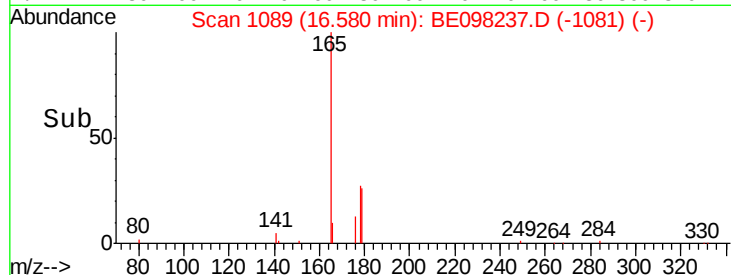
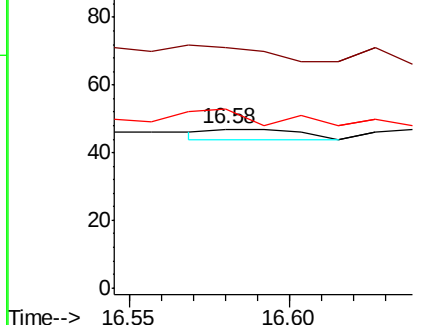
Tgt Ion:	284	Resp:	6
Ion	Ratio	Lower	Upper
284	100		
142	450.0	26.5	39.7#
249	200.0	28.4	42.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.149 ng

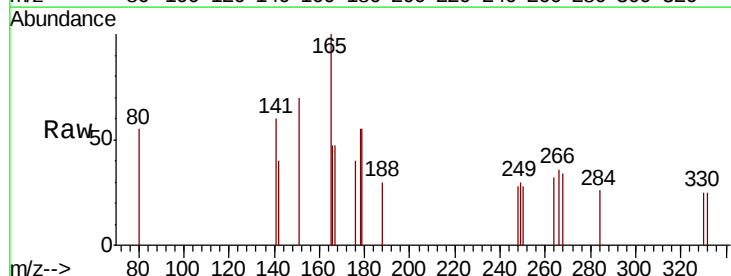
RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

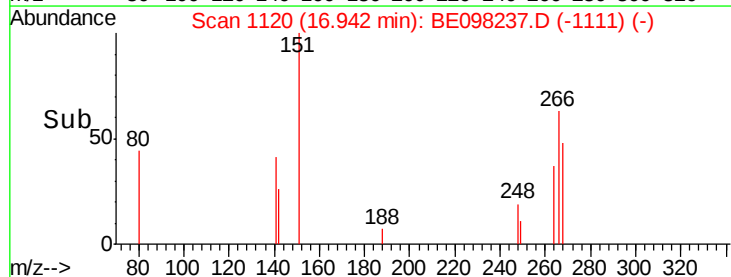
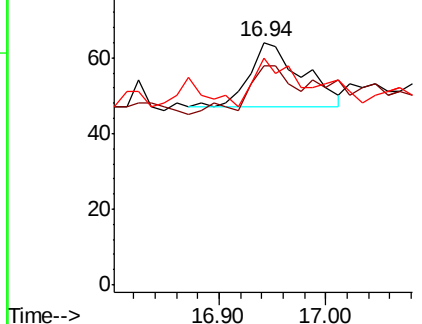
Tgt Ion:	266	Resp:	59
Ion	Ratio	Lower	Upper
266	100		
264	90.6	57.6	86.4#
268	93.8	56.8	85.2#

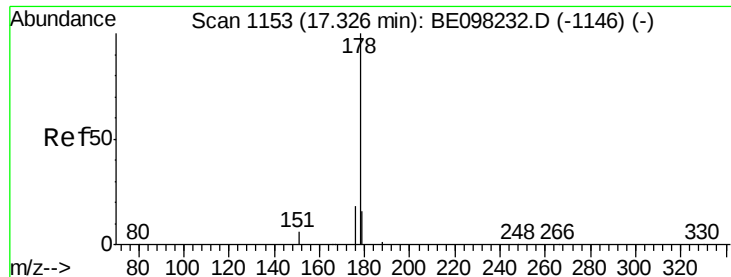


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.189 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

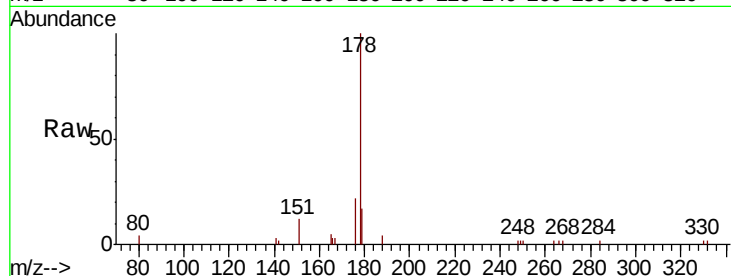
Tgt Ion:178 Resp: 4669

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

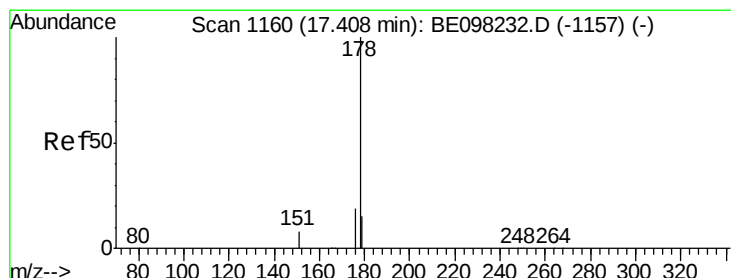
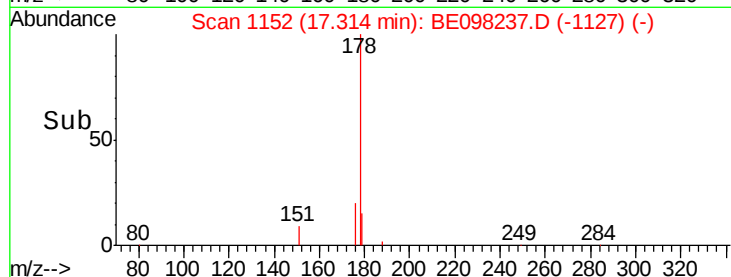
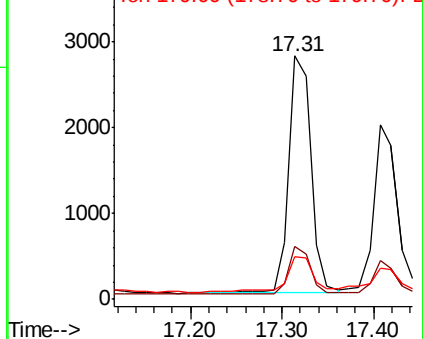
179 18.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.148 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

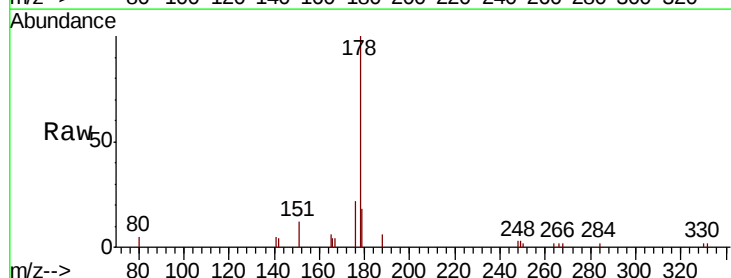
Tgt Ion:178 Resp: 3328

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

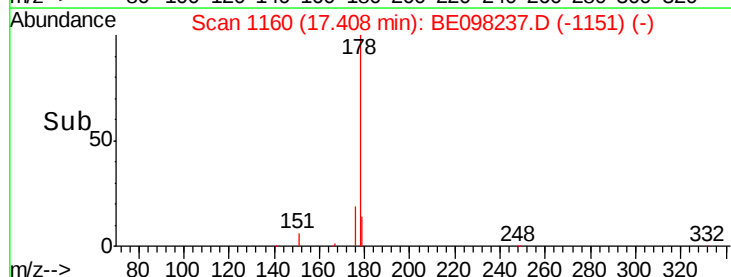
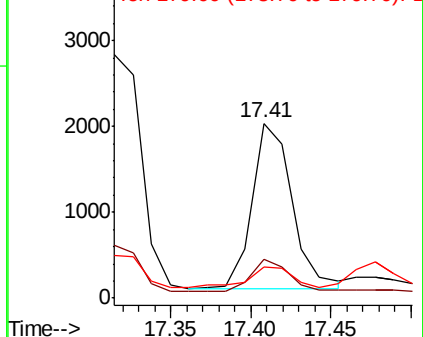
179 14.5 12.1 18.1

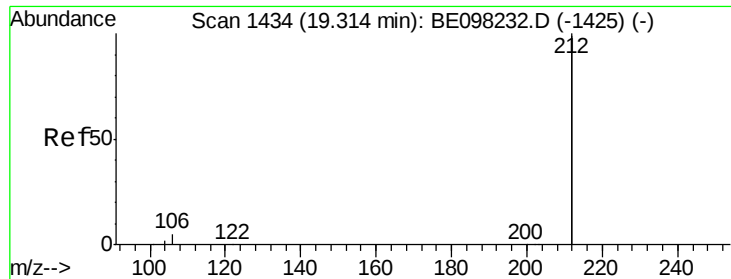


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.306 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

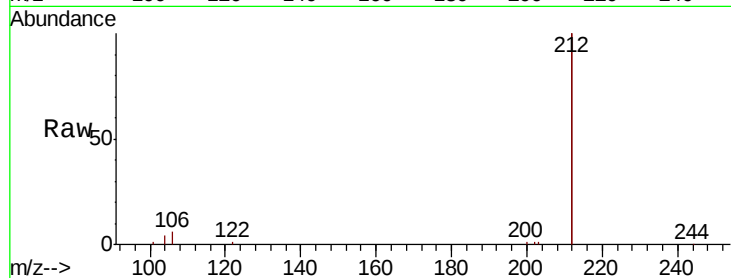
Tgt Ion:212 Resp: 35814

Ion Ratio Lower Upper

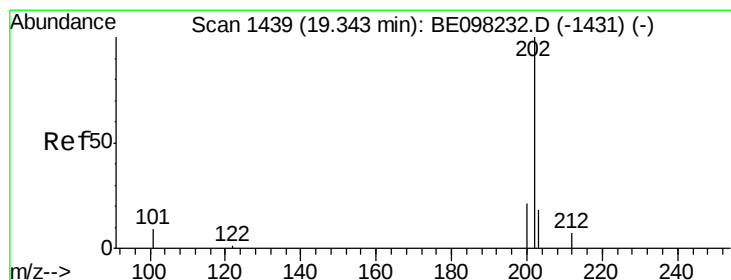
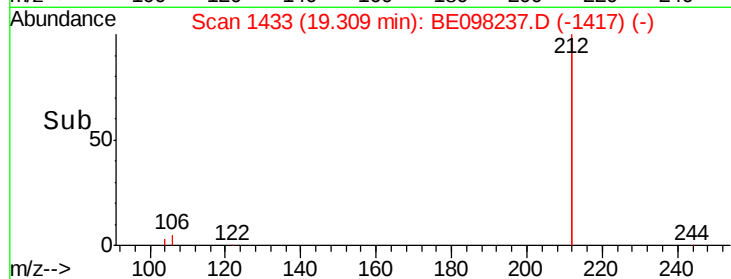
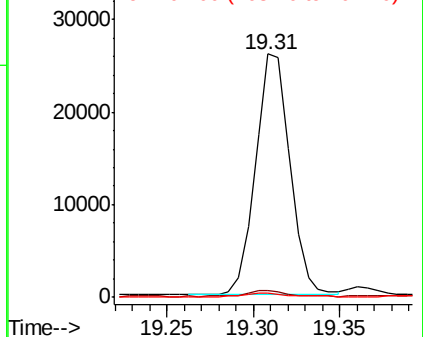
212 100

106 2.6 1.8 2.8

104 1.6 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.218 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

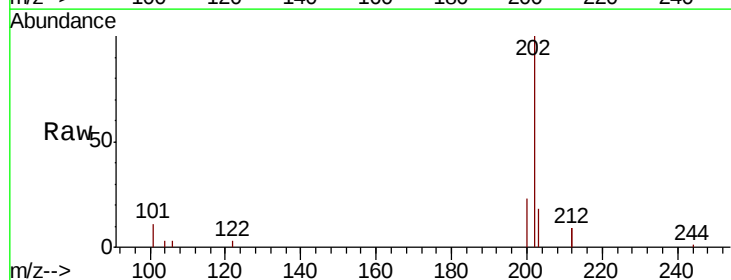
Tgt Ion:202 Resp: 6458

Ion Ratio Lower Upper

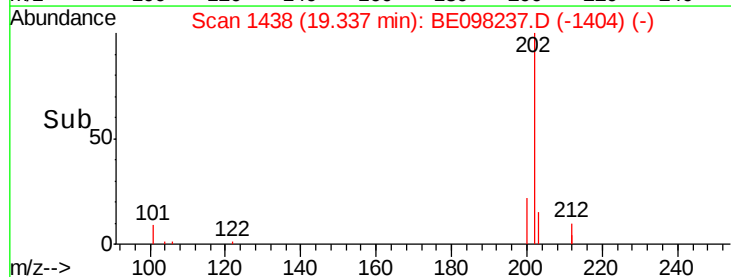
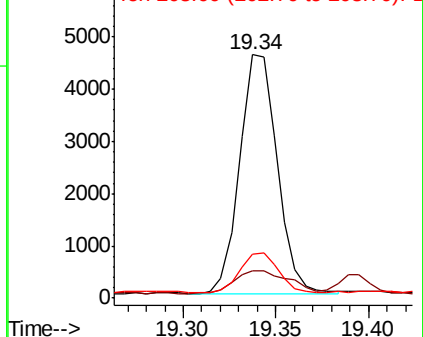
202 100

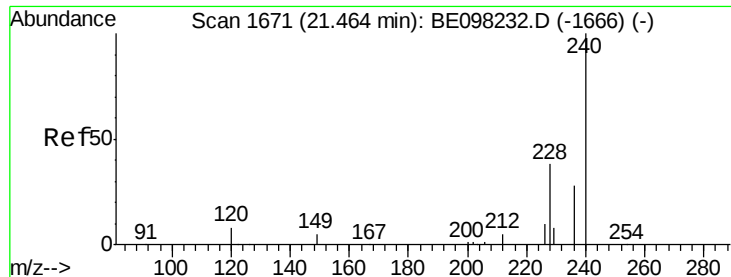
101 13.7 7.0 10.6#

203 17.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

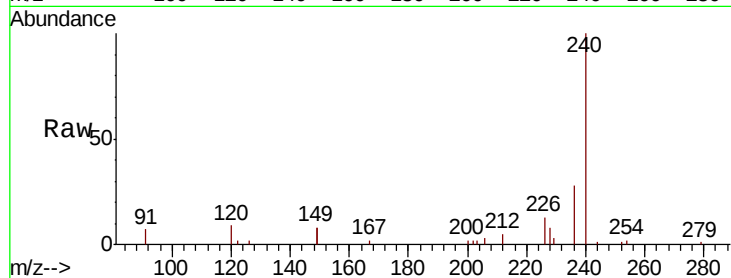
Tgt Ion:240 Resp: 10458

Ion Ratio Lower Upper

240 100

120 9.1 4.8 7.2#

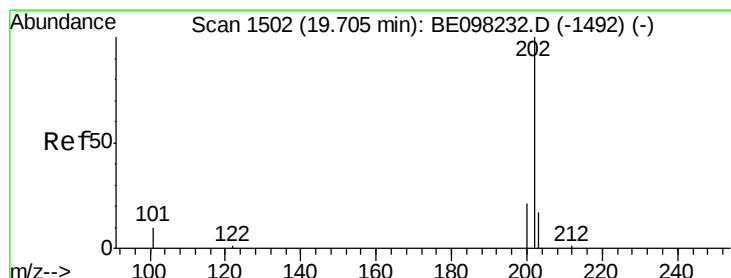
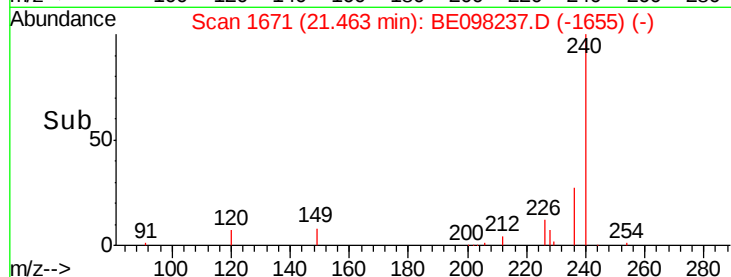
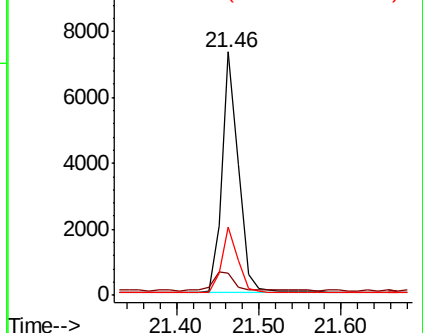
236 27.8 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.349 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

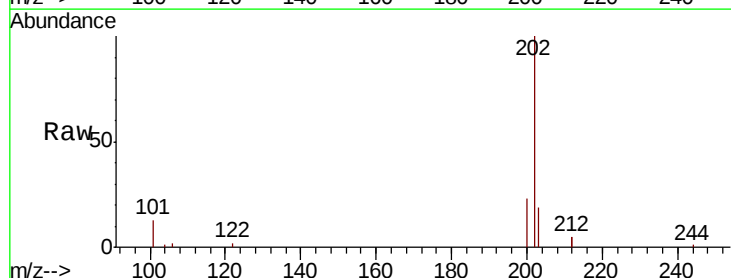
Tgt Ion:202 Resp: 10671

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

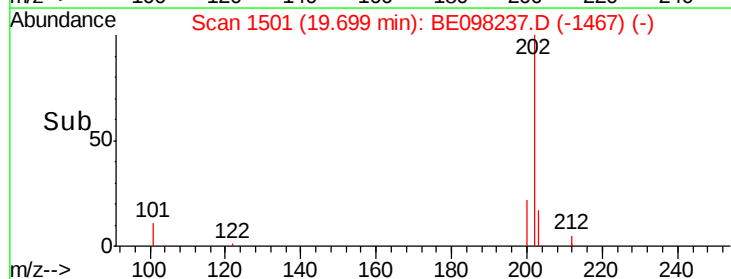
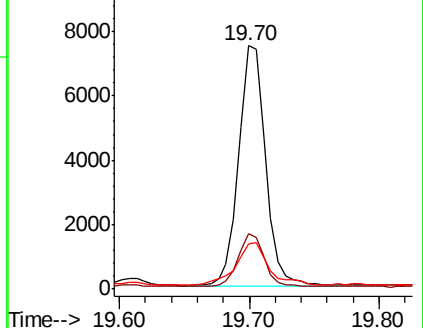
203 21.8 14.2 21.4#

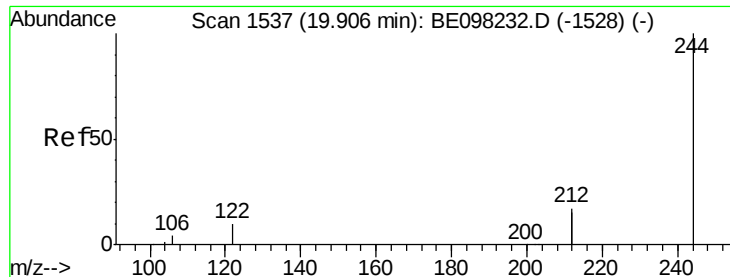


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.248 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

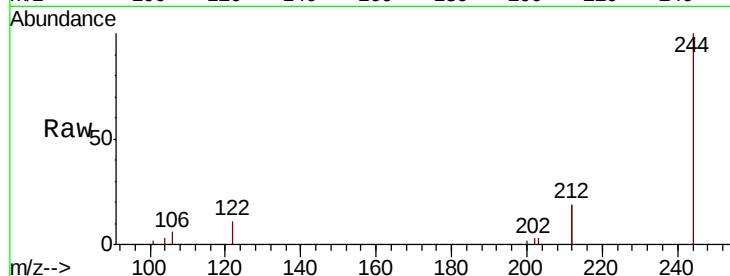
Tgt Ion:244 Resp: 5958

Ion Ratio Lower Upper

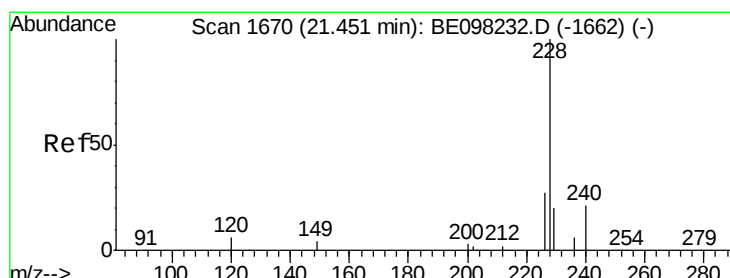
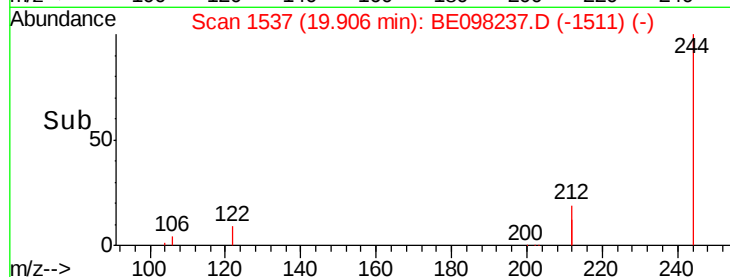
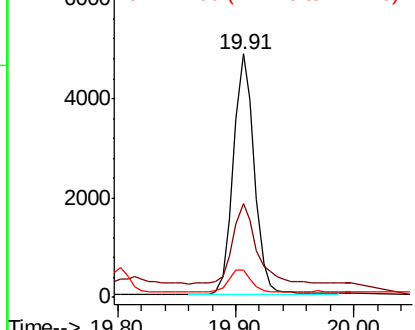
244 100

212 38.3 26.8 40.2

122 11.4 7.0 10.6#



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



#30

Benzo(a)anthracene

Concen: 0.083 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

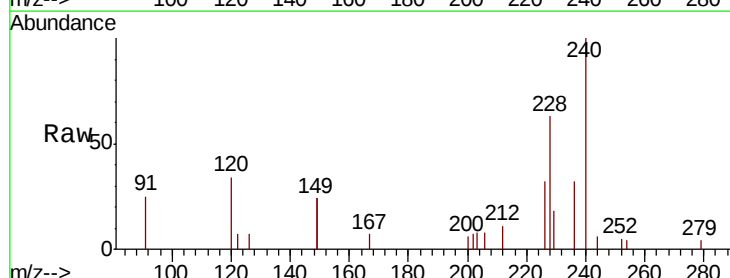
Tgt Ion:228 Resp: 2515

Ion Ratio Lower Upper

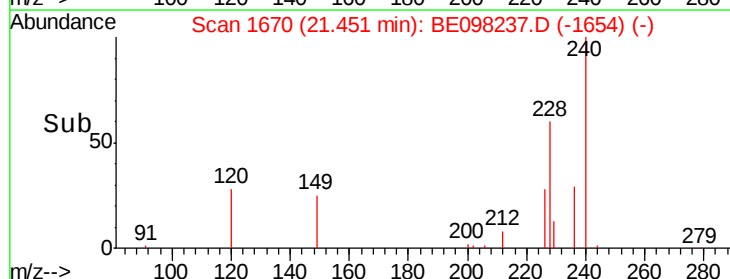
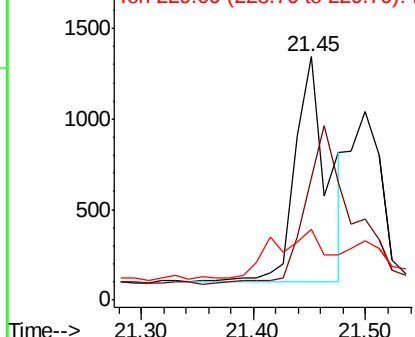
228 100

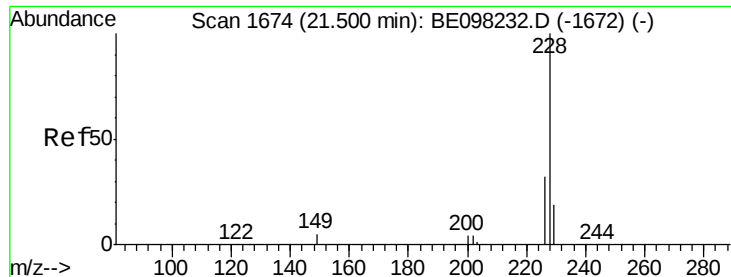
226 50.3 20.7 31.1#

229 29.1 16.2 24.4#



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





#31

Chrysene

Concen: 0.060 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampled :

W-1

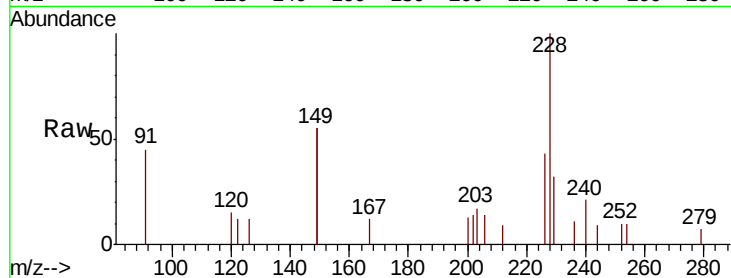
Tgt Ion:228 Resp: 1871

Ion Ratio Lower Upper

228 100

226 43.2 24.6 36.8#

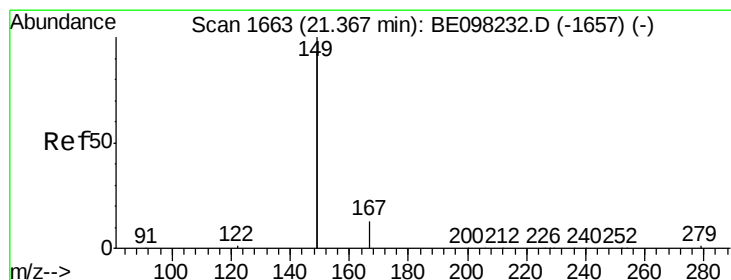
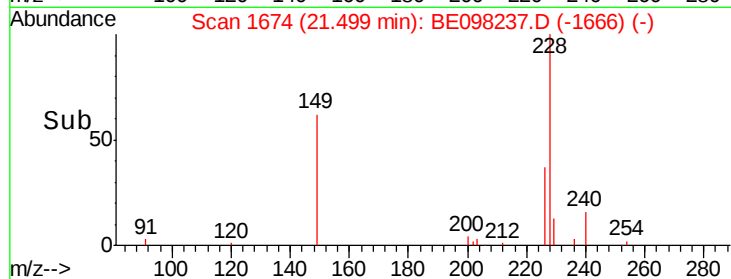
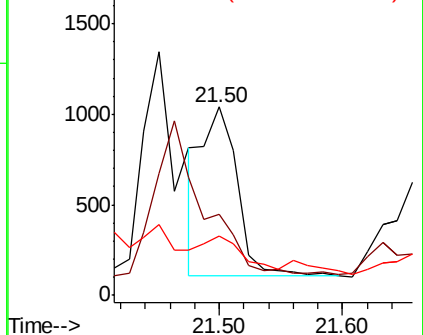
229 31.5 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.401 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

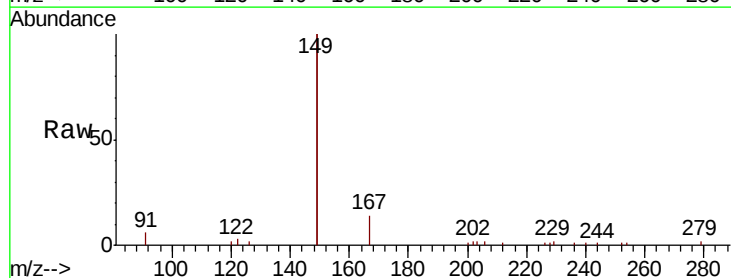
Tgt Ion:149 Resp: 18896

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

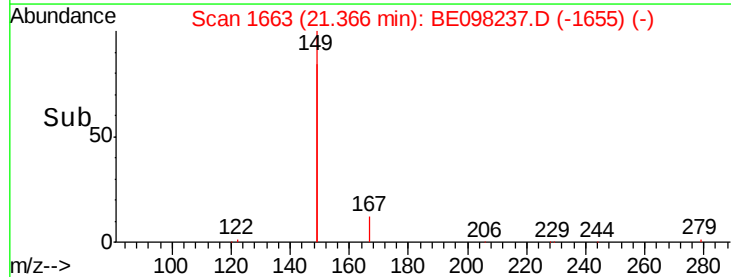
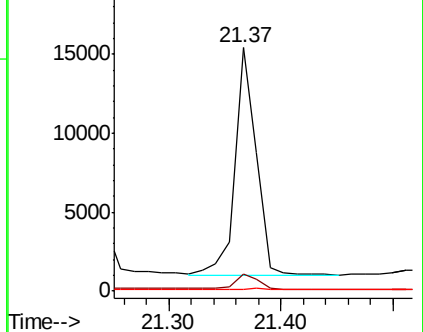
279 1.0 0.9 1.3

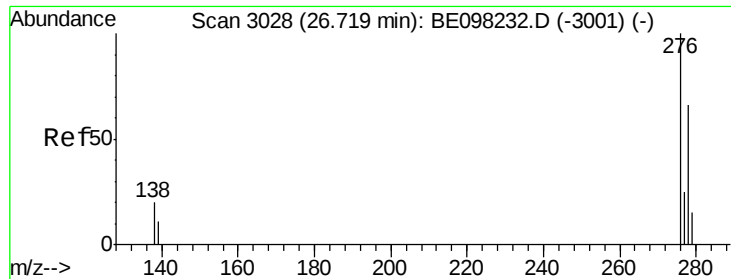


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.266 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.02 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampled :

W-1

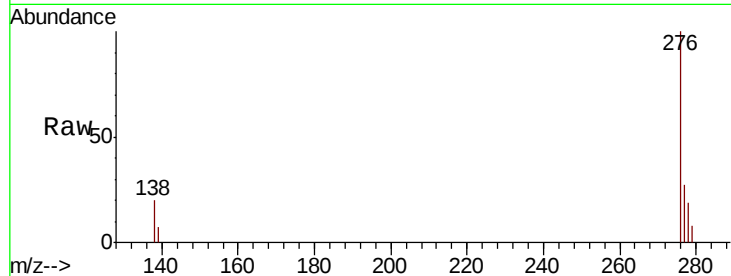
Tgt Ion:276 Resp: 7100

Ion Ratio Lower Upper

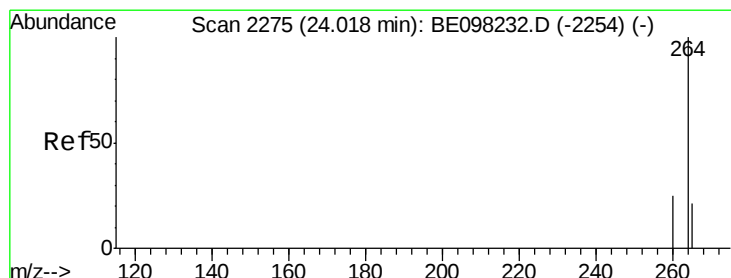
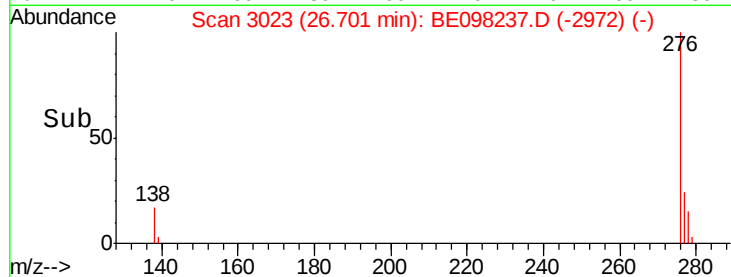
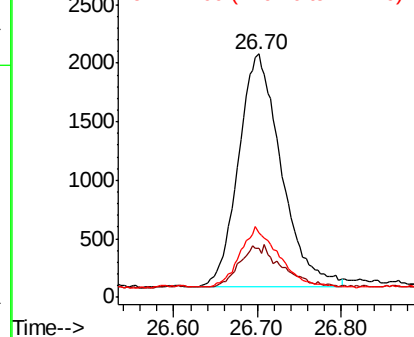
276 100

138 16.9 6.4 9.6#

277 23.5 18.9 28.3



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: 24.01 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

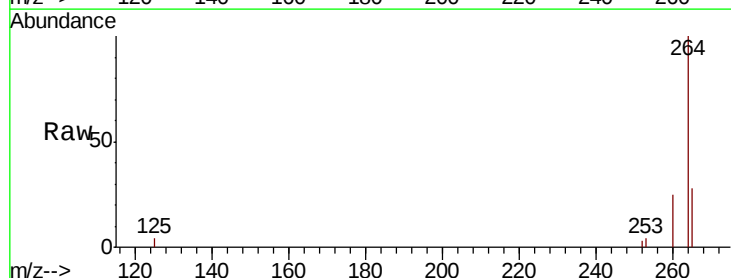
Tgt Ion:264 Resp: 9900

Ion Ratio Lower Upper

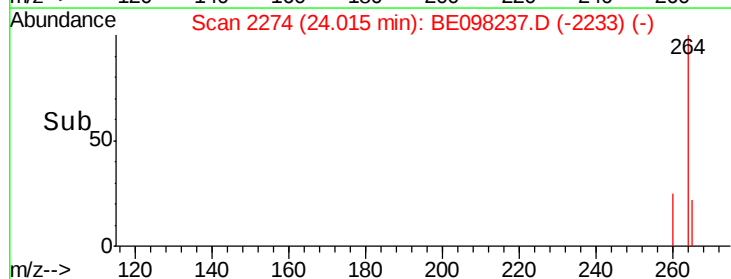
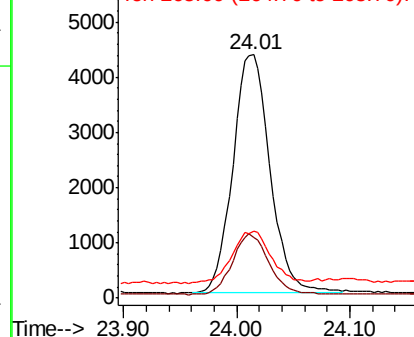
264 100

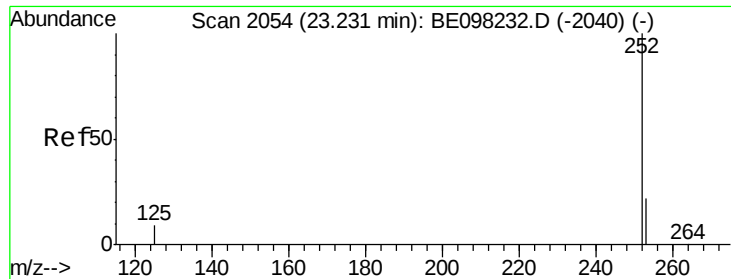
260 25.1 19.9 29.9

265 27.8 21.3 31.9



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: 0.178 ng

RT: 23.23 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

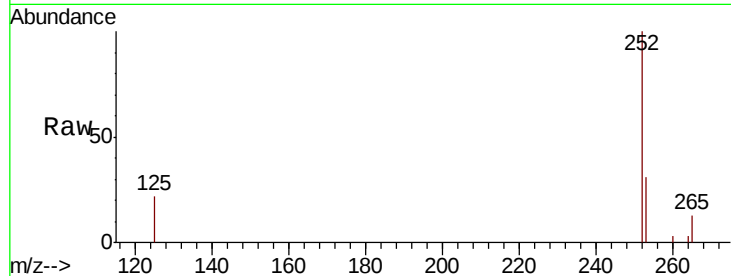
Tgt Ion:252 Resp: 4975

Ion Ratio Lower Upper

252 100

253 31.0 19.4 29.0#

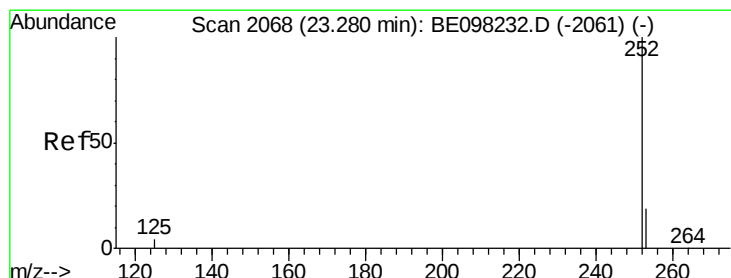
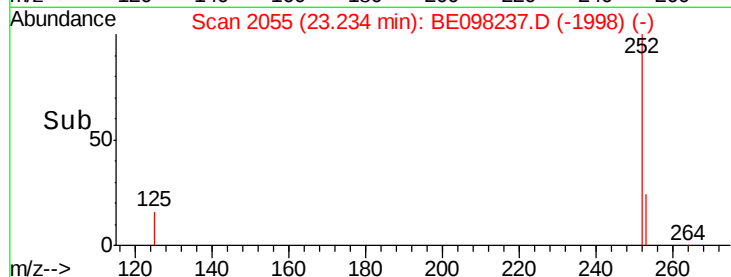
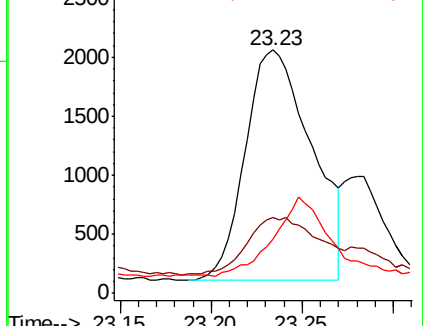
125 22.3 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.158 ng

RT: 23.23 min Scan# 2055

Delta R.T. -0.05 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

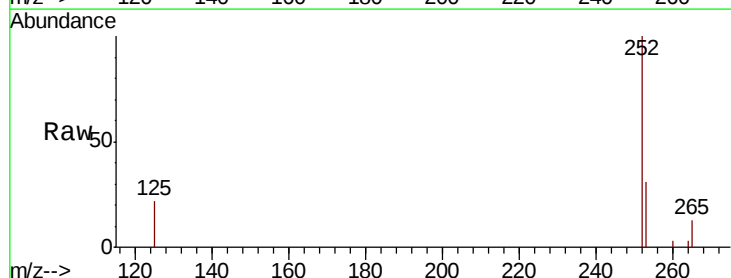
Tgt Ion:252 Resp: 4975

Ion Ratio Lower Upper

252 100

253 31.0 18.6 28.0#

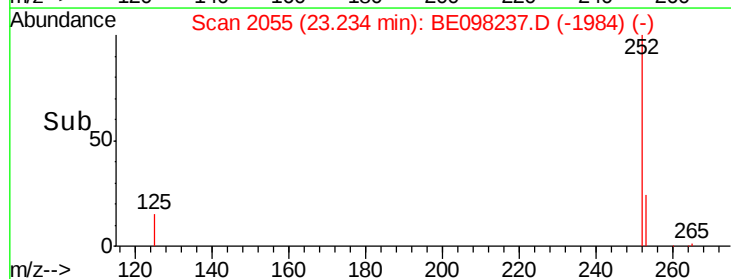
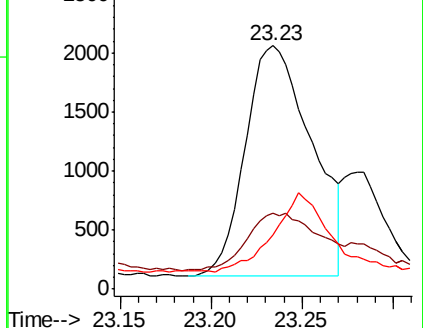
125 22.3 7.4 11.0#

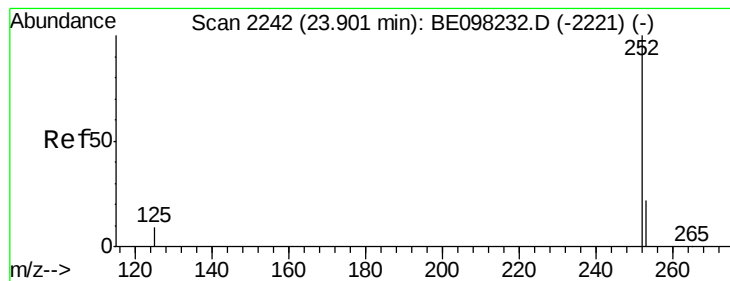


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.138 ng

RT: 23.90 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

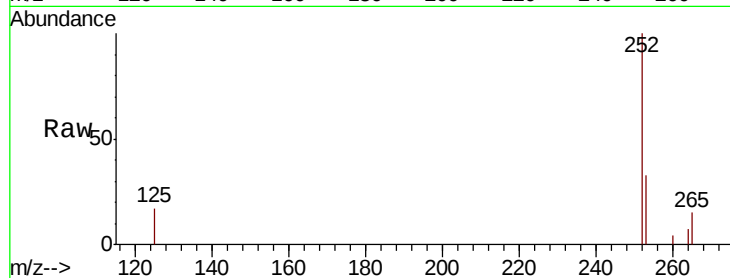
Tgt Ion: 252 Resp: 3777

Ion Ratio Lower Upper

252 100

253 33.1 18.6 27.8#

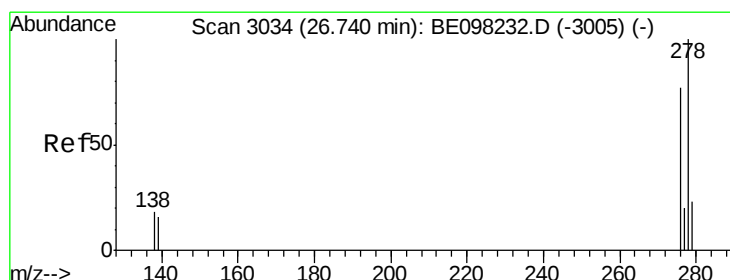
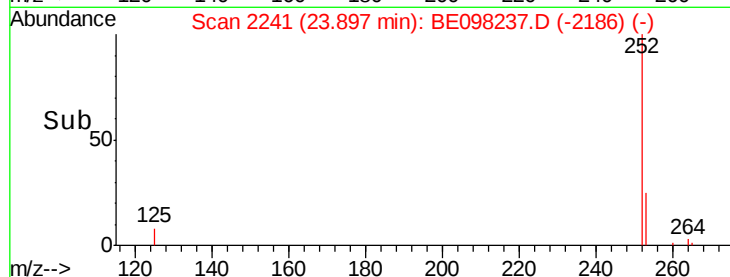
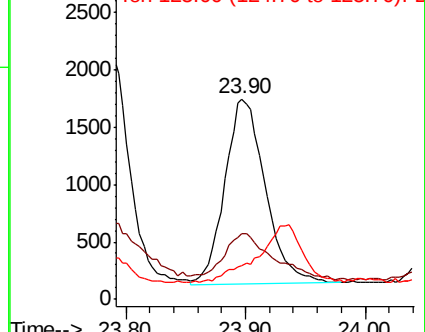
125 16.9 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.063 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.02 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

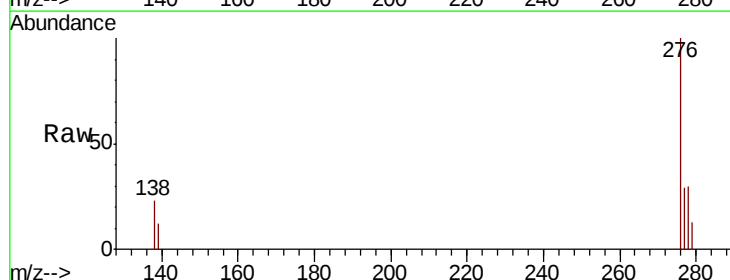
Tgt Ion: 278 Resp: 1394

Ion Ratio Lower Upper

278 100

139 39.2 16.4 24.6#

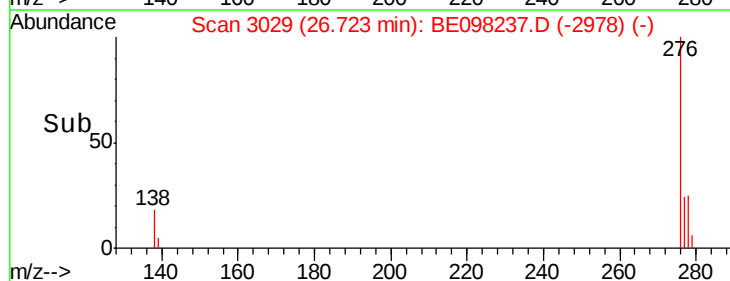
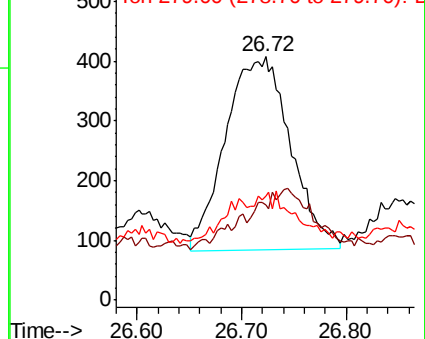
279 42.9 21.3 31.9#

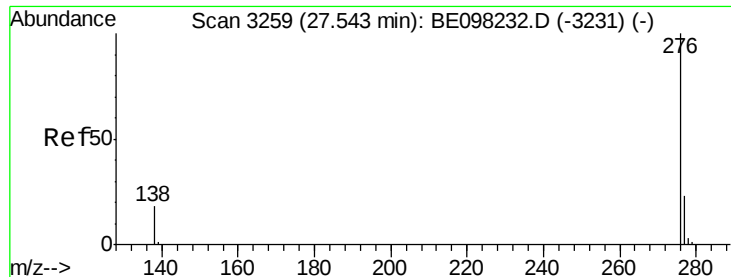


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.593 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

ClientSampleId :

W-1

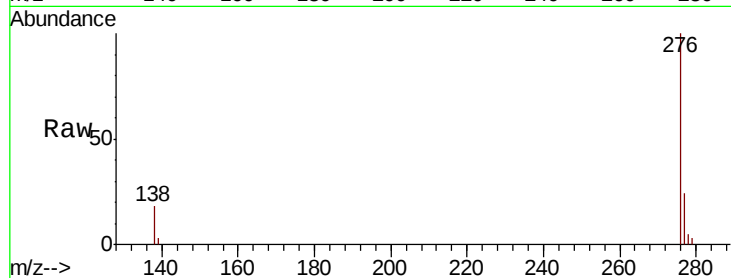
Tgt Ion: 276 Resp: 14065

Ion Ratio Lower Upper

276 100

277 24.2 20.4 30.6

138 18.3 13.2 19.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

