

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098832.D
 Acq On : 8 Mar 2019 11:50
 Operator : JU/SJ
 Sample : K1655-07MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

Quant Time: Mar 08 12:37:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	969	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	4011	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2691	0.40	ng	0.02
19) Phenanthrene-d10	17.21	188	6241	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7594	0.40	ng	0.00
34) Perylene-d12	23.90	264	7583	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	368	0.13	ng	0.03
5) Phenol-d6	6.99	99	377	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1277	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2432	0.33	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	440	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3878	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	32566	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8330	0.45	ng	0.00

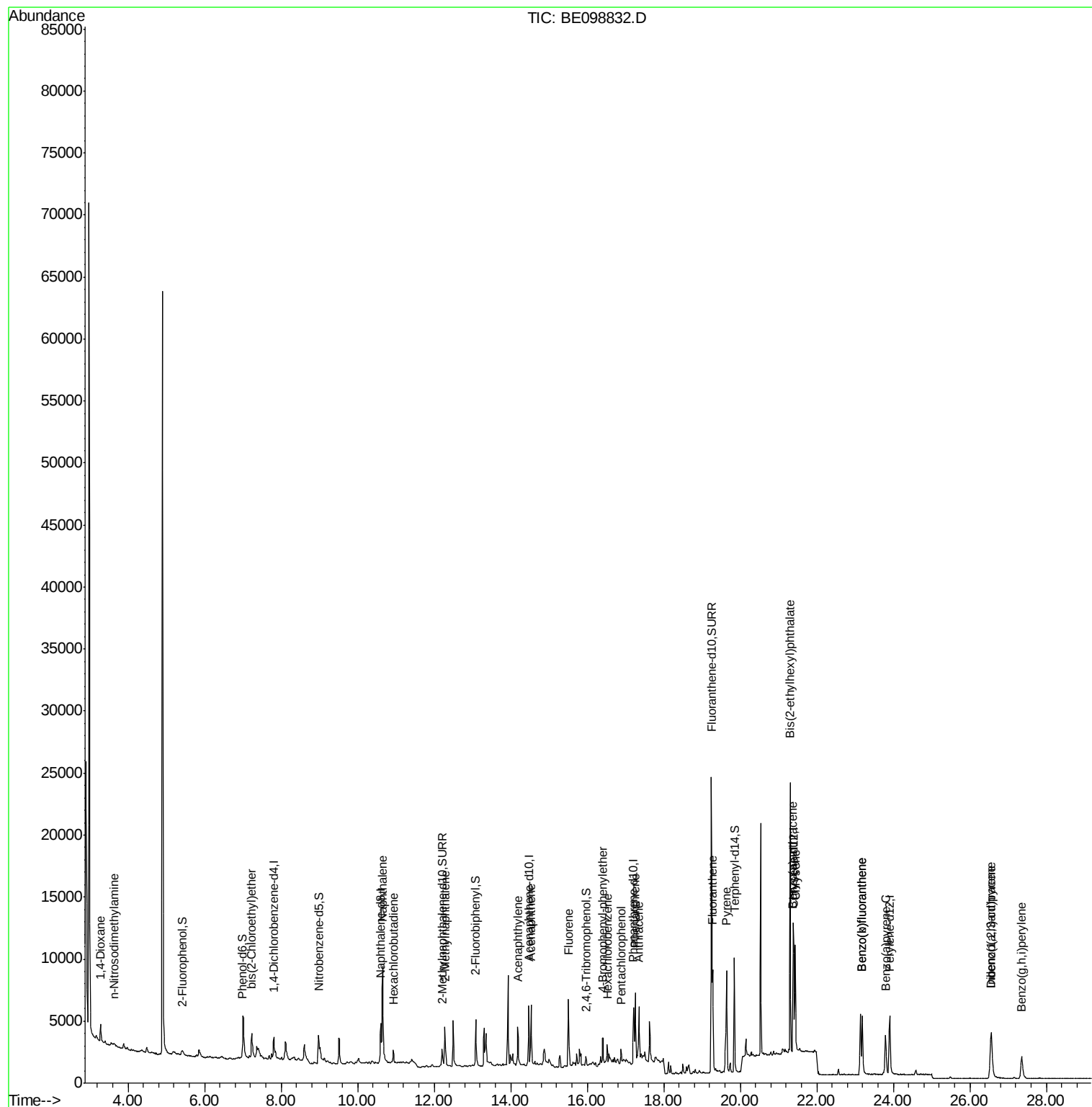
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	806	0.436	ng	# 73
3) n-Nitrosodimethylamine	3.63	42	243	0.100	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	987	0.312	ng	85
9) Naphthalene	10.65	128	15308	0.333	ng	100
10) Hexachlorobutadiene	10.93	225	813	0.267	ng	98
12) 2-Methylnaphthalene	12.28	142	2706	0.363	ng	96
16) Acenaphthylene	14.18	152	3792	0.274	ng	97
17) Acenaphthene	14.53	154	2435	0.297	ng	97
18) Fluorene	15.51	166	3485	0.294	ng	# 97
20) 4-Bromophenyl-phenylether	16.41	248	1095	0.324	ng	# 73
21) Hexachlorobenzene	16.52	284	1173	0.292	ng	97
22) Pentachlorophenol	16.88	266	766	0.824	ng	# 82
23) Phenanthrene	17.25	178	6276	0.354	ng	98
24) Anthracene	17.35	178	4943	0.326	ng	99
26) Fluoranthene	19.28	202	7567	0.302	ng	100
28) Pyrene	19.64	202	7927	0.341	ng	98
30) Benzo(a)anthracene	21.38	228	7649	0.323	ng	99
31) Chrysene	21.44	228	7552	0.298	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	22244	0.441	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	6151	0.230	ng	98
35) Benzo(b)fluoranthene	23.19	252	7297	0.293	ng	96
36) Benzo(k)fluoranthene	23.19	252	7402	0.284	ng	99
37) Benzo(a)pyrene	23.79	252	5706	0.239	ng	# 93
38) Dibenzo(a,h)anthracene	26.57	278	5171	0.229	ng	# 96
39) Benzo(g,h,i)perylene	27.35	276	4750	0.201	ng	95

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

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QLast Update : Wed Mar 06 15:33:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

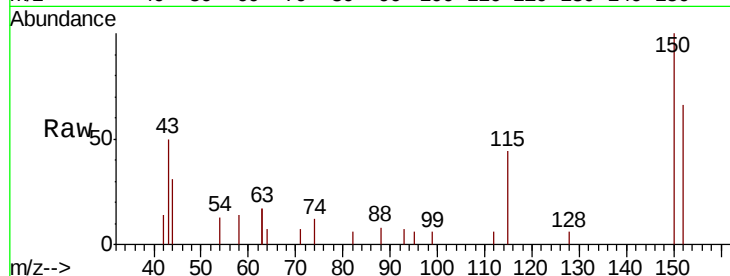
Tot Ion:152 Resp: 969

Ion Ratio Lower Upper

152 100

150 152.3 122.5 183.7

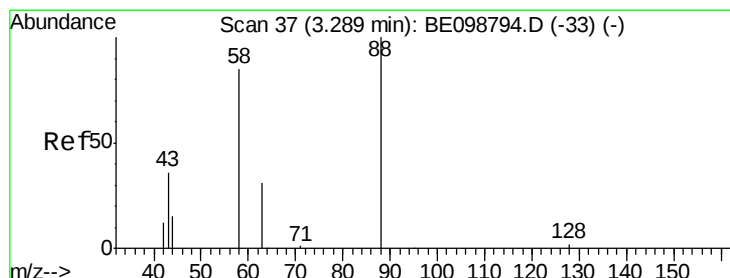
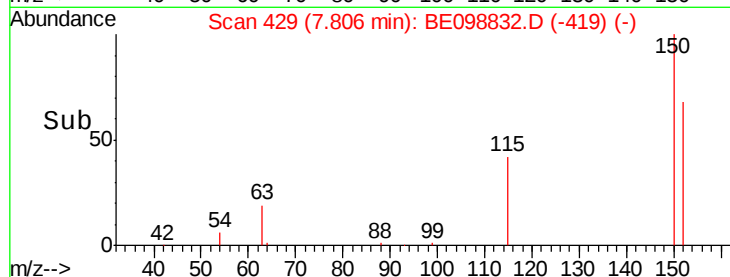
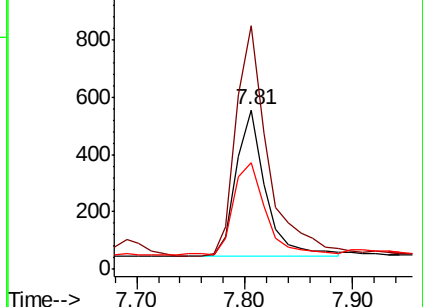
115 66.5 57.4 86.2



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: 0.436 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

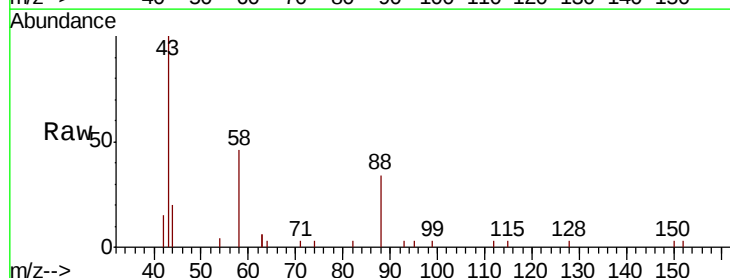
Tgt Ion: 88 Resp: 806

Ion Ratio Lower Upper

88 100

58 91.2 75.8 113.6

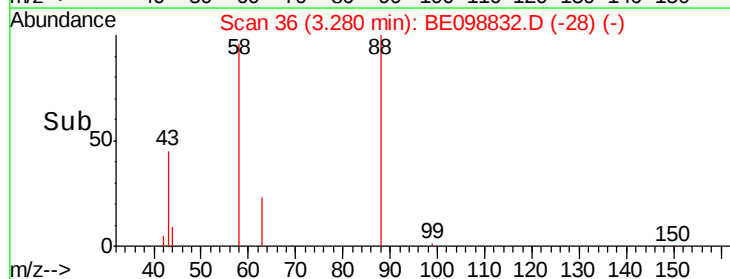
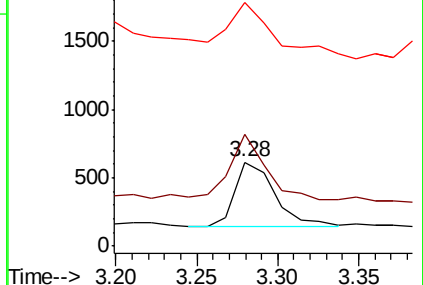
43 101.1 41.8 62.8#



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



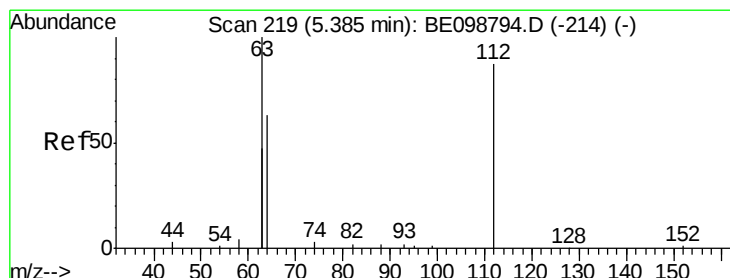
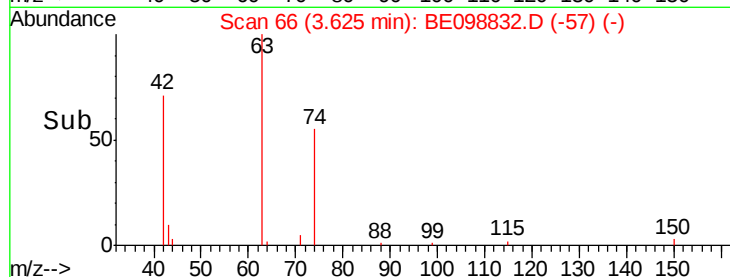
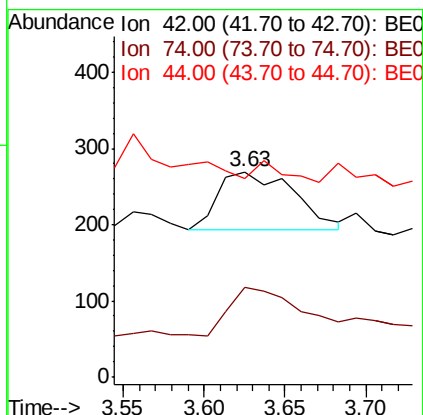
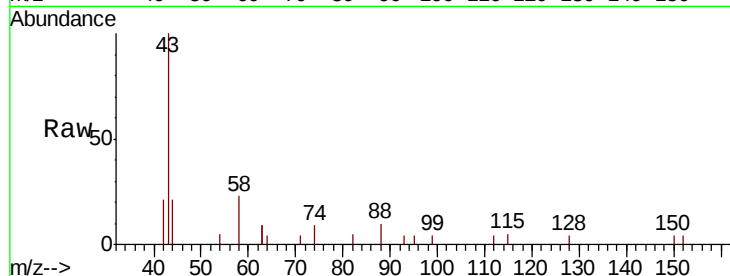


#3

n-Nitrosodimethylamine
 Concen: 0.100 ng
 RT: 3.63 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098832.D
 Acq: 8 Mar 2019 11:50

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

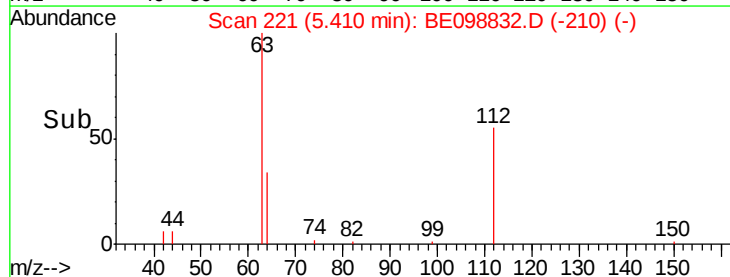
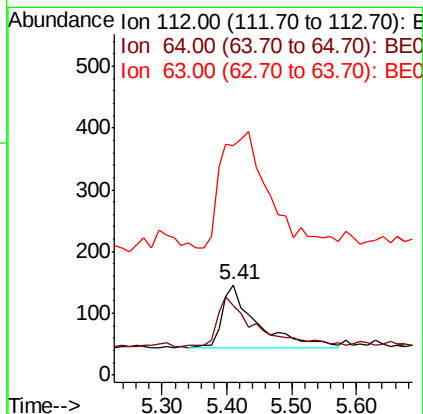
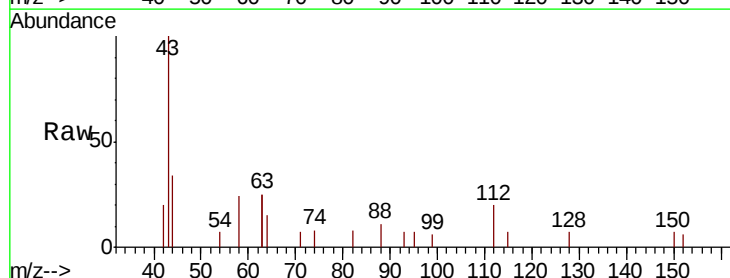
Tot Ion: 42 Resp: 243
 Ion Ratio Lower Upper
 42 100
 74 74.9 57.0 85.4
 44 14.0 0.0 0.0#



#4

2-Fluorophenol
 Concen: 0.127 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.03 min
 Lab File: BE098832.D
 Acq: 8 Mar 2019 11:50

Tgt Ion: 112 Resp: 368
 Ion Ratio Lower Upper
 112 100
 64 86.1 57.9 86.9
 63 0.0 158.3 237.5#





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

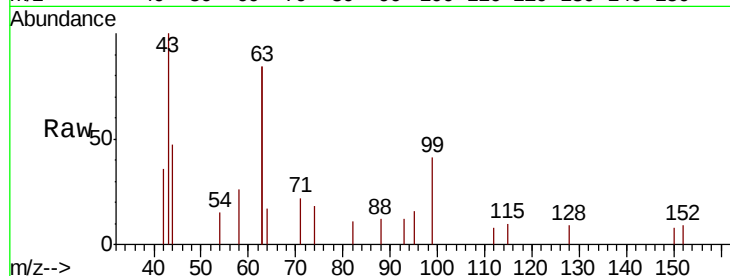
Tot Ion: 99 Resp: 377

Ion Ratio Lower Upper

99 100

42 75.9 24.2 36.2#

71 35.3 35.7 53.5#



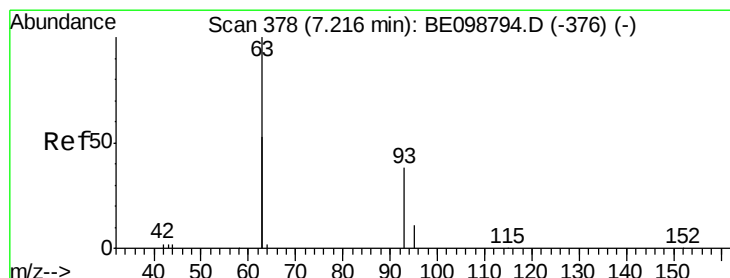
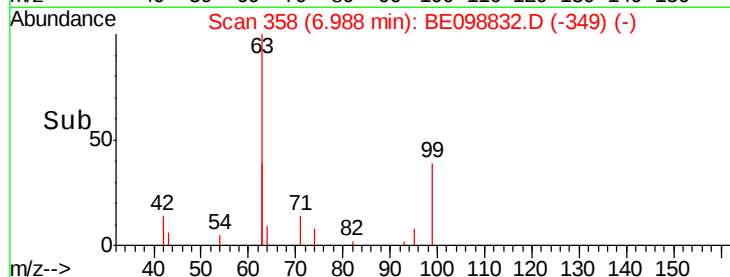
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.99

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.312 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

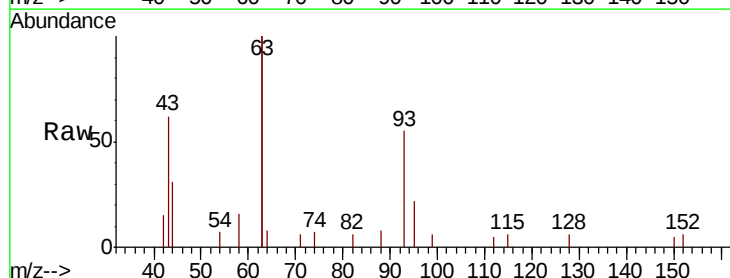
Tgt Ion: 93 Resp: 987

Ion Ratio Lower Upper

93 100

63 339.3 247.5 371.3

95 32.6 21.8 32.8



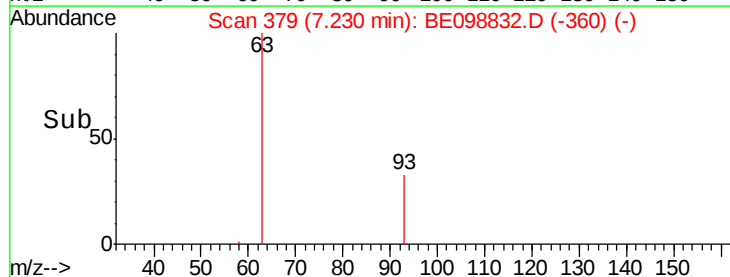
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.23

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

Tot Ion:136 Resp: 4011

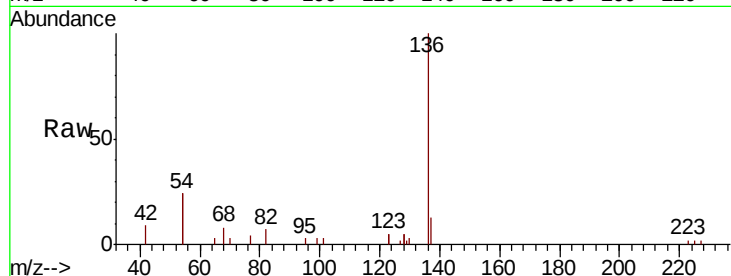
Ion Ratio Lower Upper

136 100

137 13.0 11.4 17.0

54 48.9 39.3 58.9

68 8.2 6.7 10.1

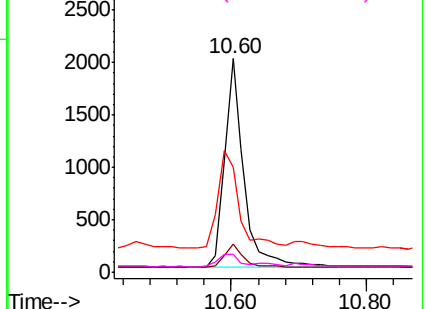
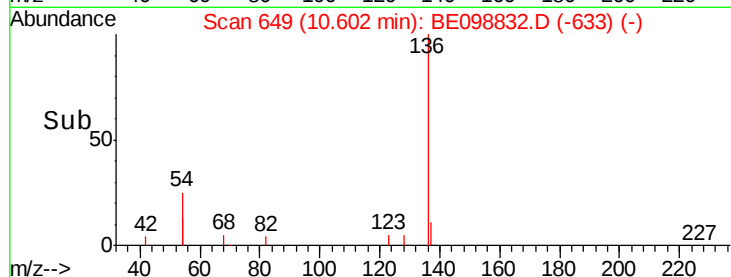


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

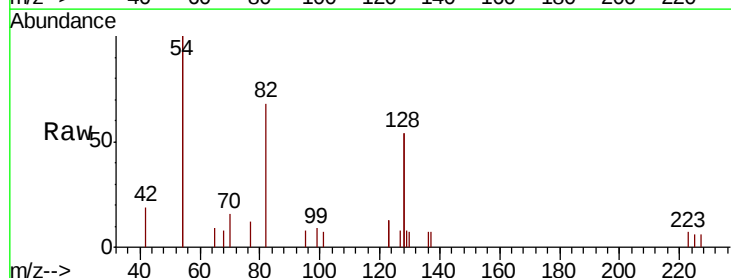
Tgt Ion: 82 Resp: 1277

Ion Ratio Lower Upper

82 100

128 157.7 123.8 185.8

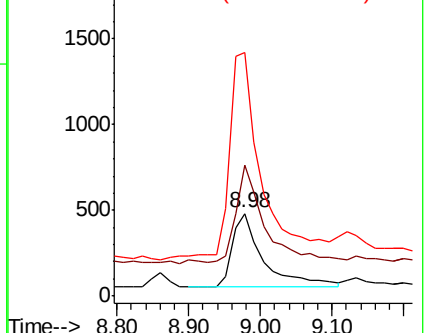
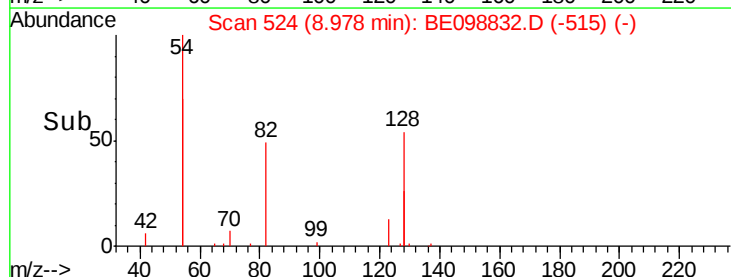
54 294.6 203.4 305.2



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: 0.333 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

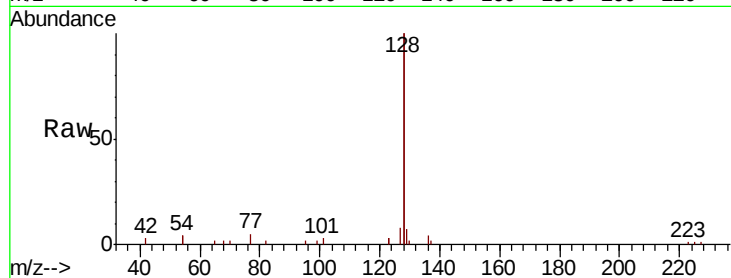
Tot Ion:128 Resp: 15308

Ion Ratio Lower Upper

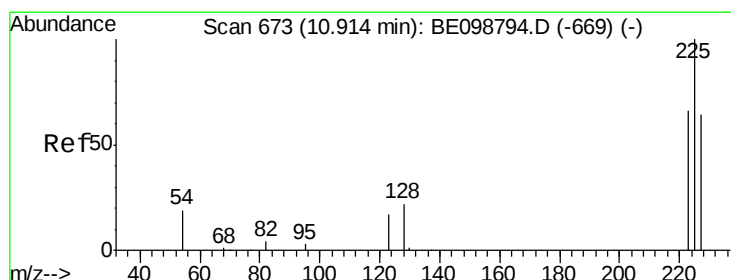
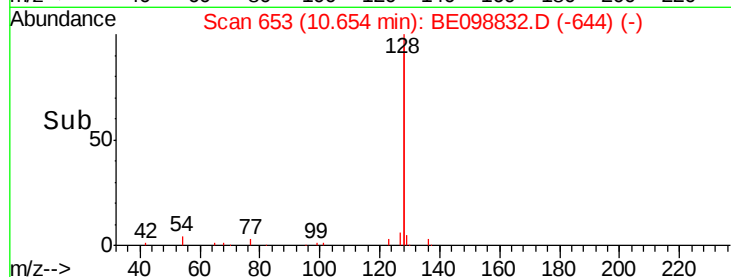
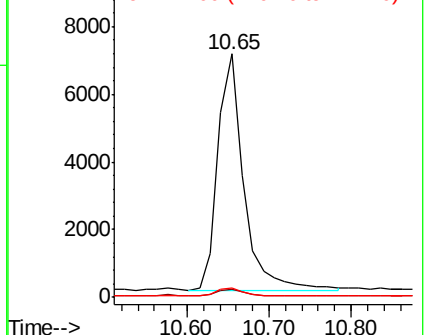
128 100

129 3.3 2.6 4.0

127 3.8 3.1 4.7



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: 0.267 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

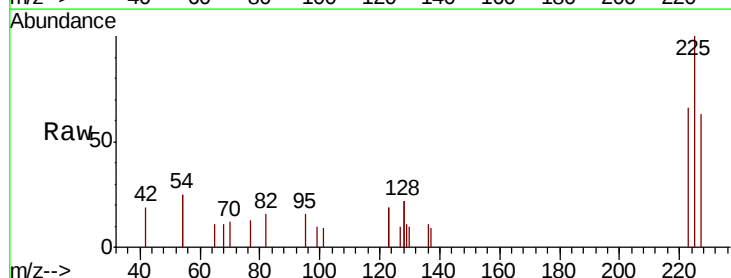
Tgt Ion:225 Resp: 813

Ion Ratio Lower Upper

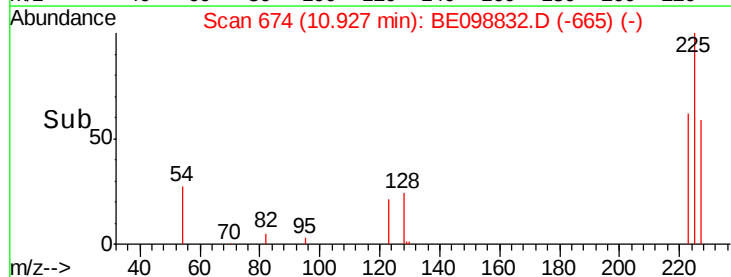
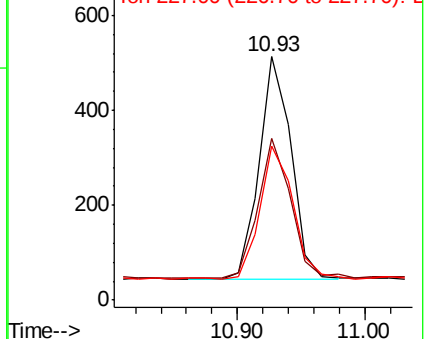
225 100

223 63.7 51.1 76.7

227 62.0 51.6 77.4



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: 0.328 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

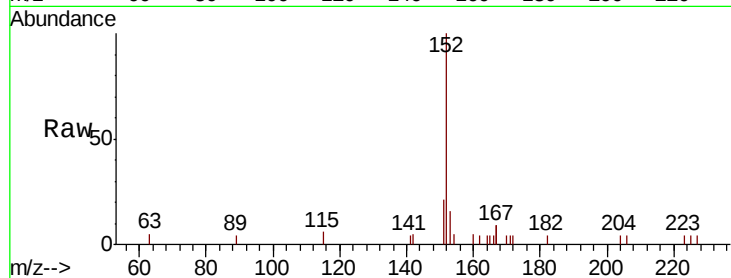
A0C1-TWPMS

Tot Ion:152 Resp: 2432

Ion Ratio Lower Upper

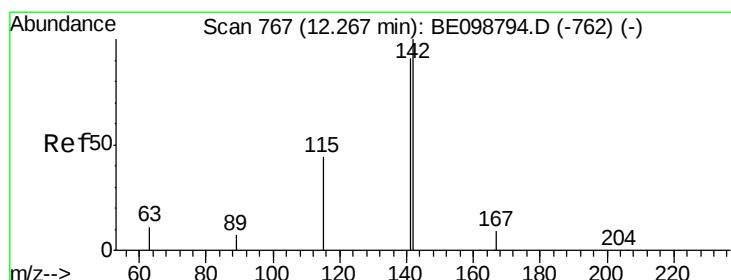
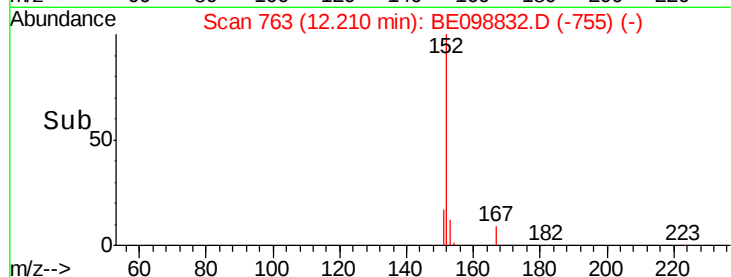
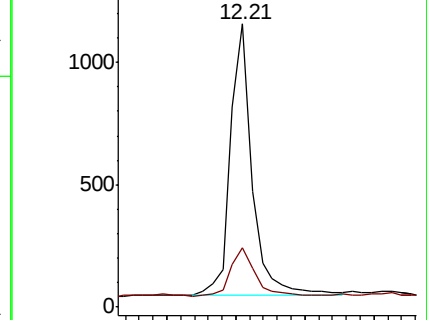
152 100

151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.363 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

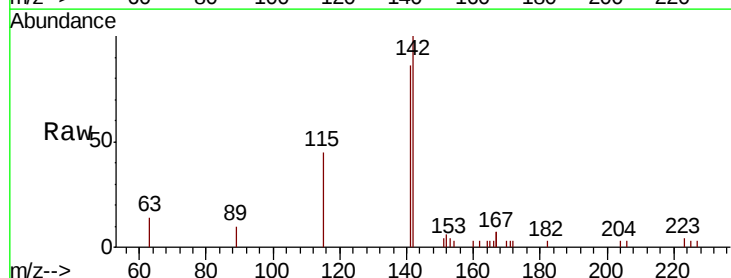
Tgt Ion:142 Resp: 2706

Ion Ratio Lower Upper

142 100

141 85.8 72.6 108.8

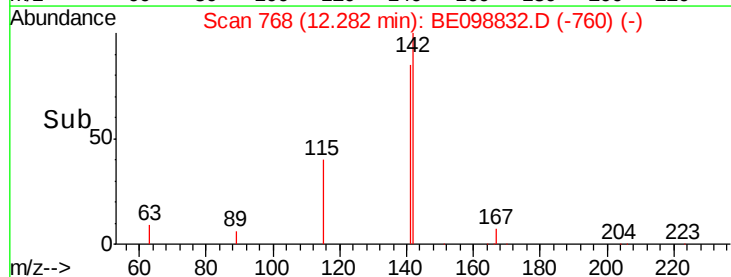
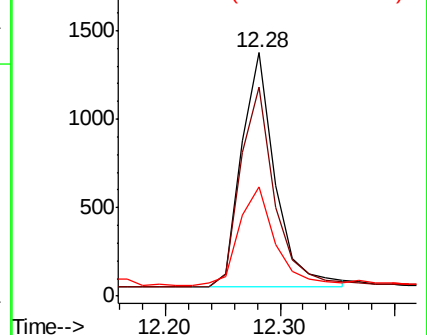
115 45.1 37.4 56.2



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

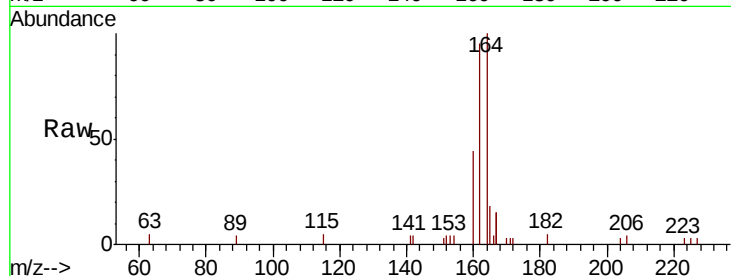




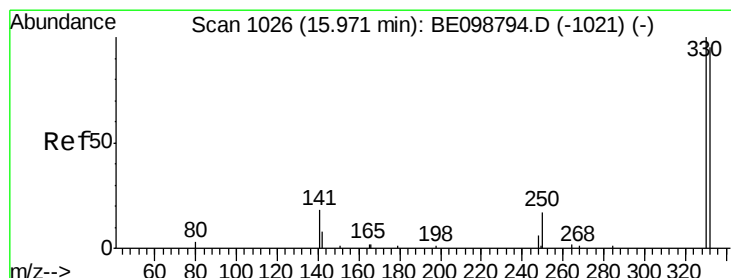
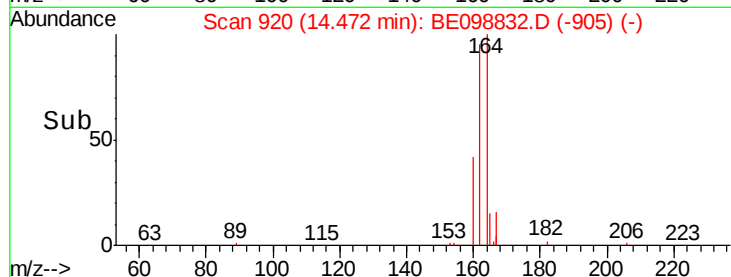
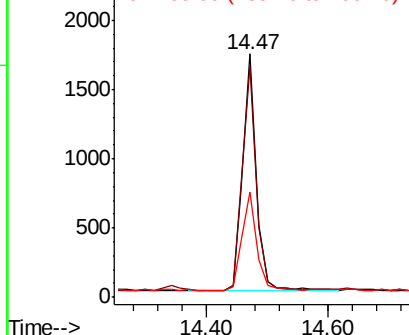
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: BE098832.D
 Acq: 8 Mar 2019 11:50

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

Tot Ion:164 Resp: 2691
 Ion Ratio Lower Upper
 164 100
 162 95.0 80.2 120.2
 160 43.5 37.8 56.8

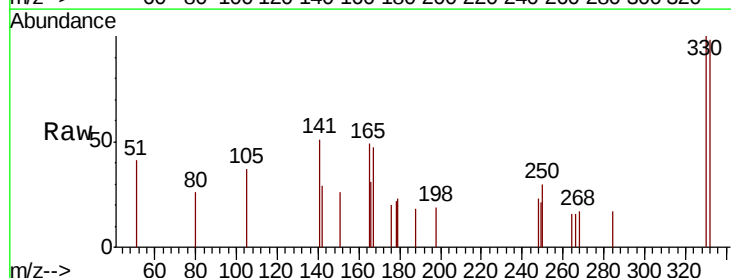


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

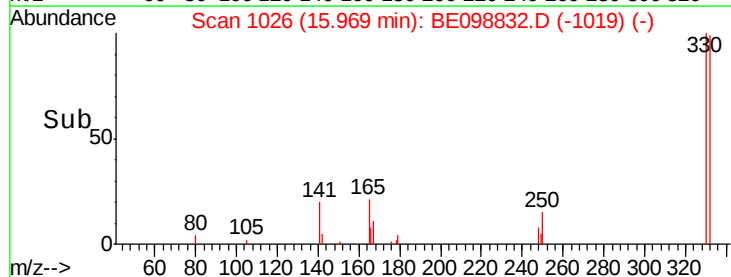
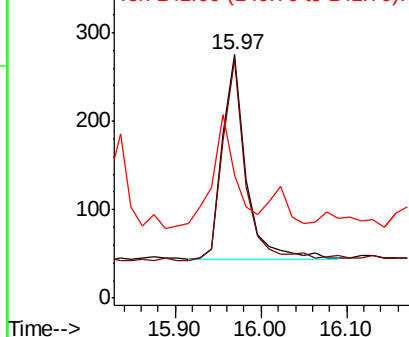


#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098832.D
 Acq: 8 Mar 2019 11:50

Tgt Ion:330 Resp: 440
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 50.2 31.0 46.4#



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

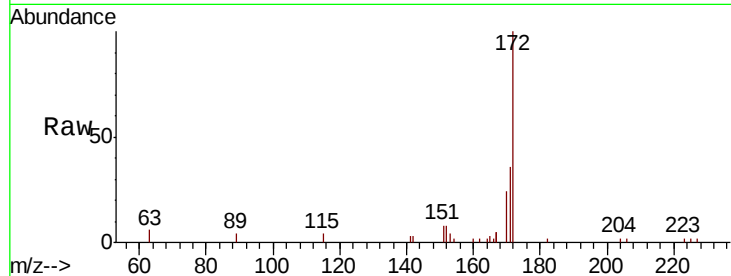




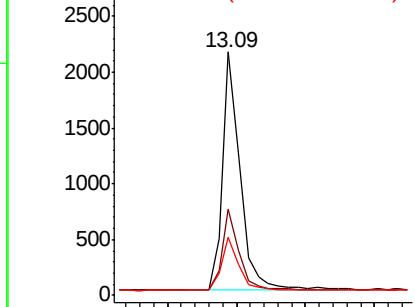
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

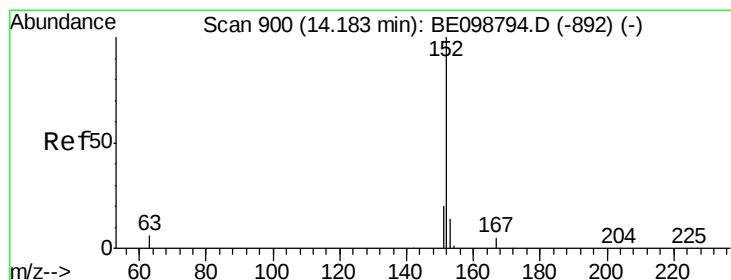
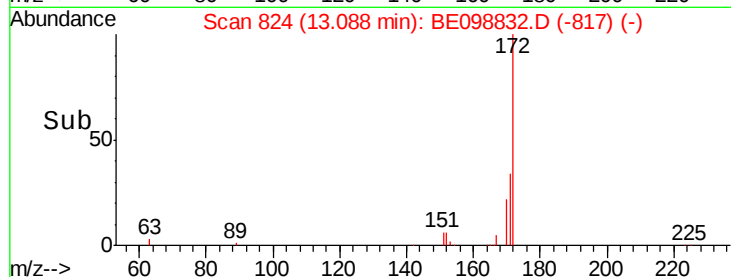
Tot Ion:172 Resp: 3878
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.6 17.7 26.5



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

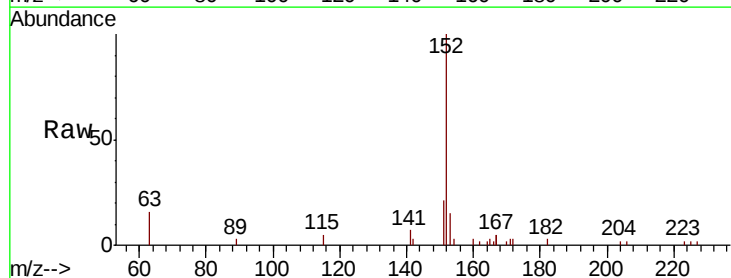


Time-->

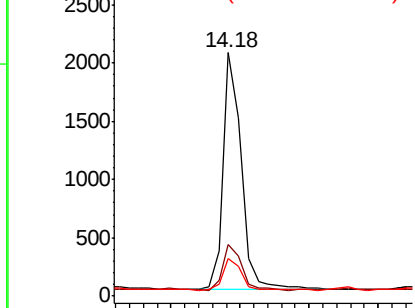


#16
Acenaphthylene
Concen: 0.274 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

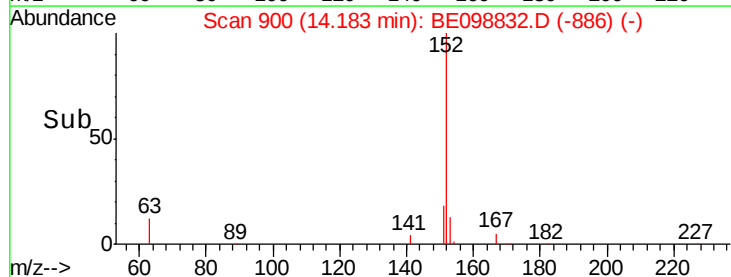
Tgt Ion:152 Resp: 3792
Ion Ratio Lower Upper
152 100
151 19.5 17.0 25.6
153 13.4 11.2 16.8



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



Time-->

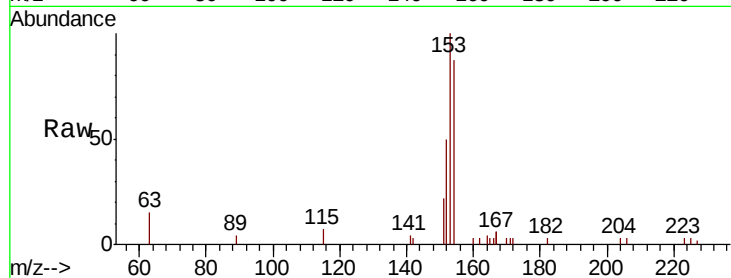




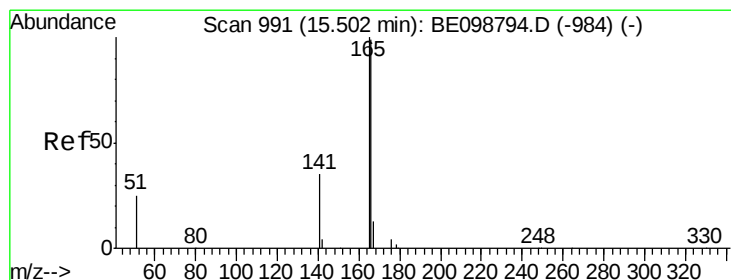
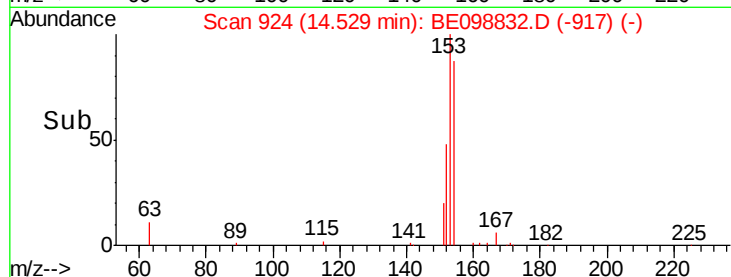
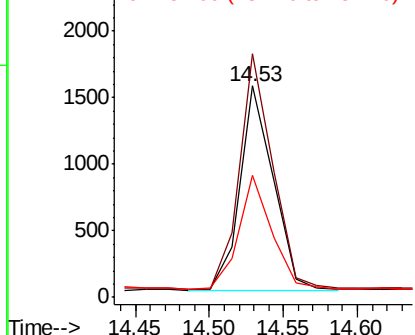
#17
Acenaphthene
Concen: 0.297 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tot Ion:154 Resp: 2435
Ion Ratio Lower Upper
154 100
153 113.9 94.2 141.4
152 55.6 45.0 67.4

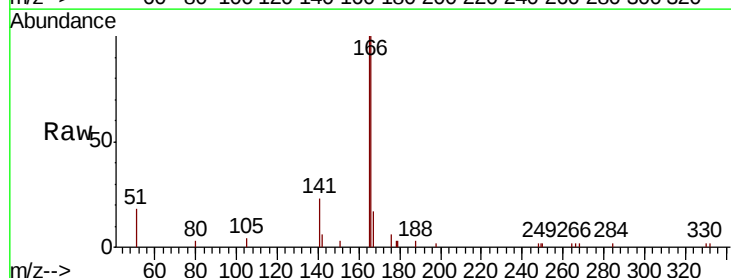


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

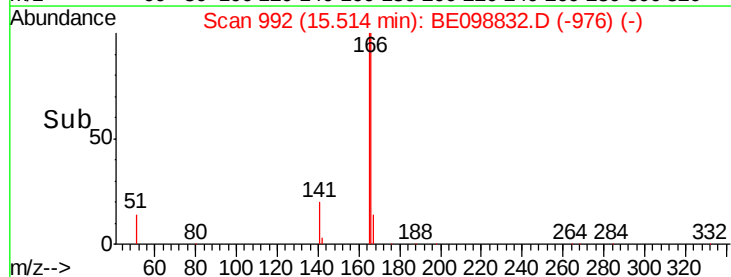
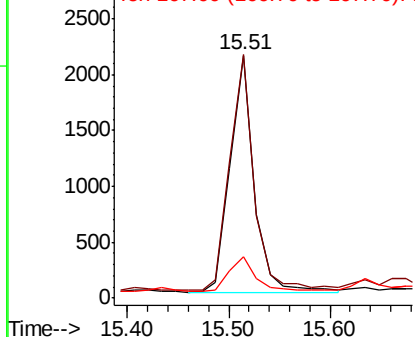


#18
Fluorene
Concen: 0.294 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Tgt Ion:166 Resp: 3485
Ion Ratio Lower Upper
166 100
165 101.0 79.3 118.9
167 17.0 10.5 15.7#



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

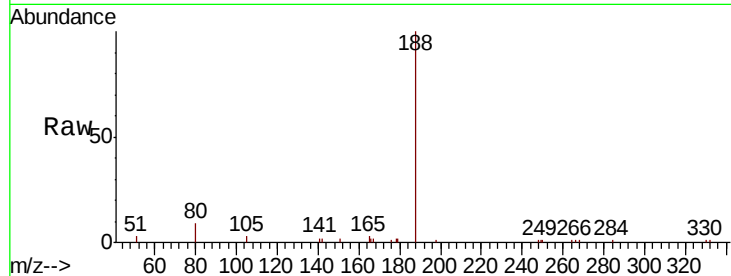
Tot Ion:188 Resp: 6241

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

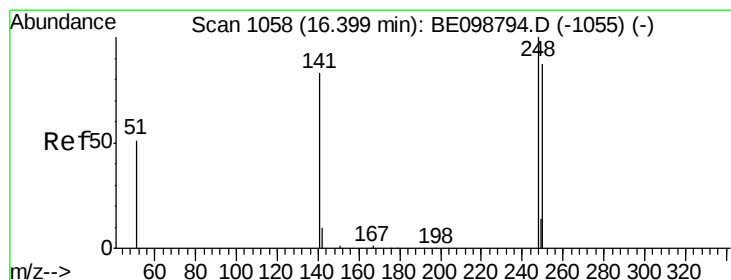
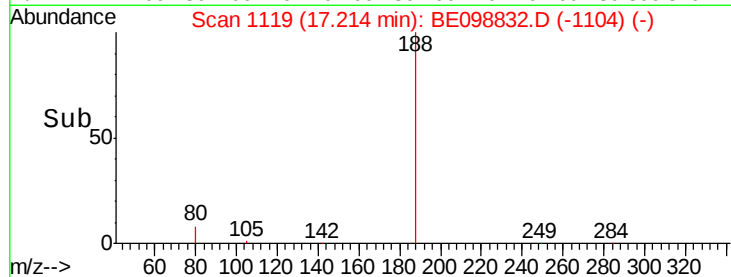
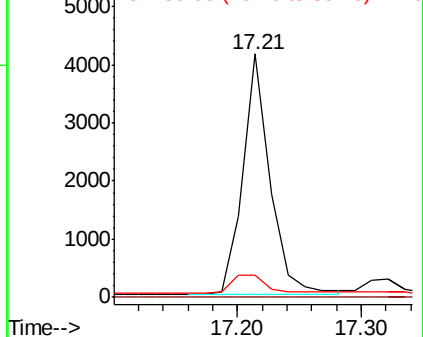
80 9.3 6.3 9.5



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: 0.324 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

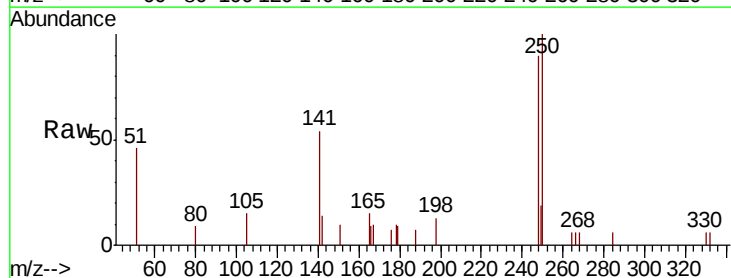
Tgt Ion:248 Resp: 1095

Ion Ratio Lower Upper

248 100

250 111.6 70.6 105.8#

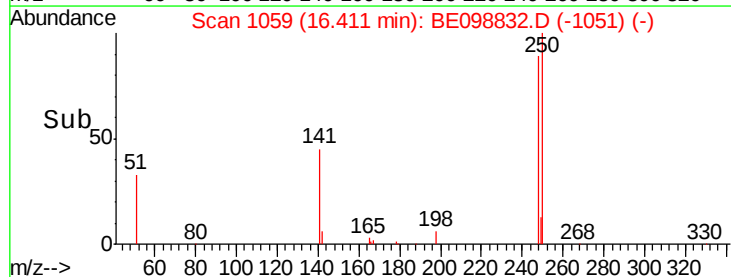
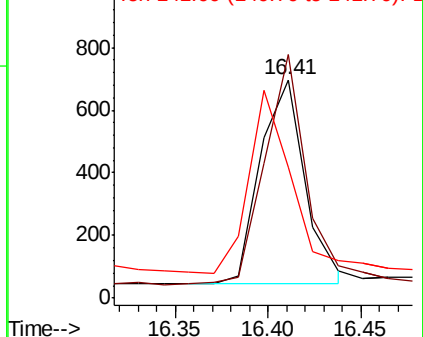
141 60.1 68.6 102.8#

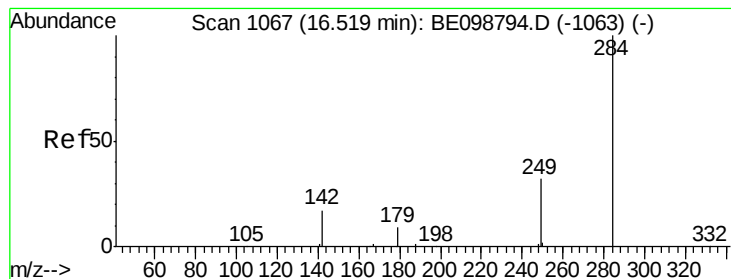


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.292 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

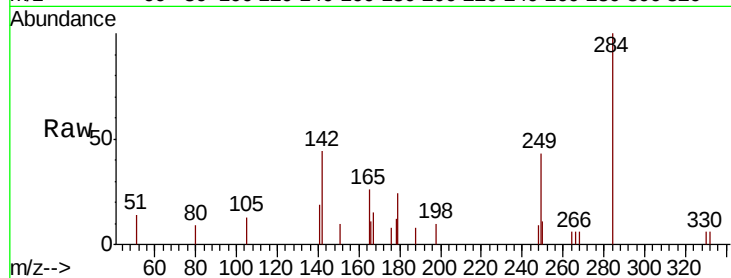
Tot Ion:284 Resp: 1173

Ion Ratio Lower Upper

284 100

142 36.7 28.7 43.1

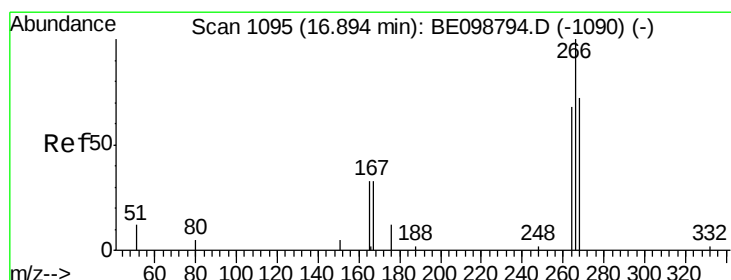
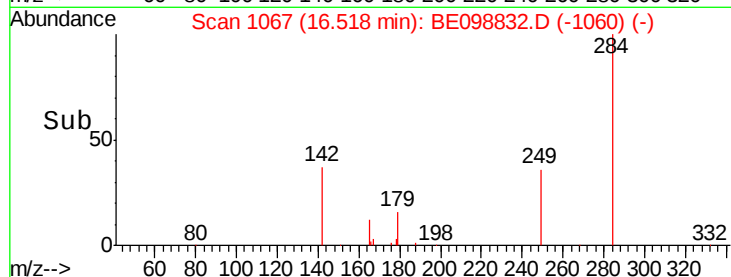
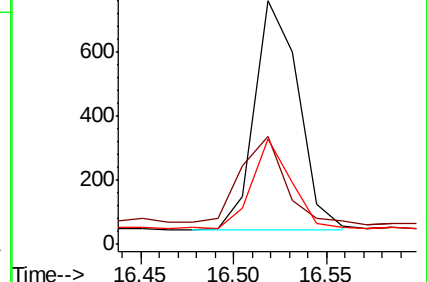
249 34.6 29.6 44.4



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: 0.824 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

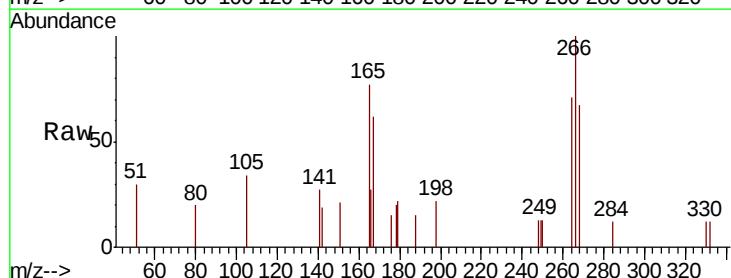
Tgt Ion:266 Resp: 766

Ion Ratio Lower Upper

266 100

264 70.9 66.6 100.0

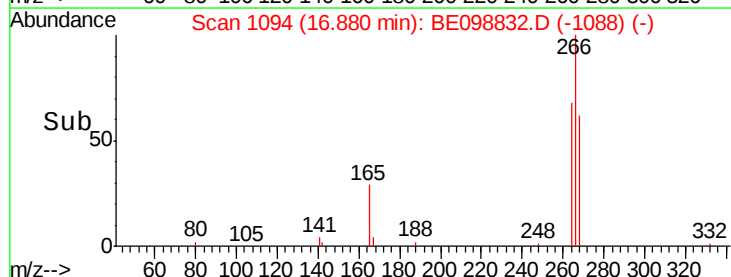
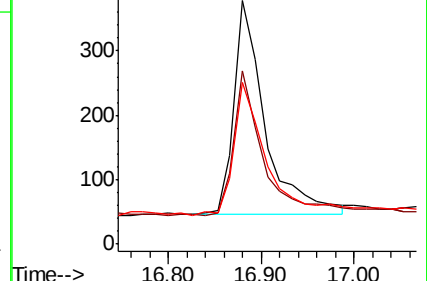
268 66.7 69.8 104.8#



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

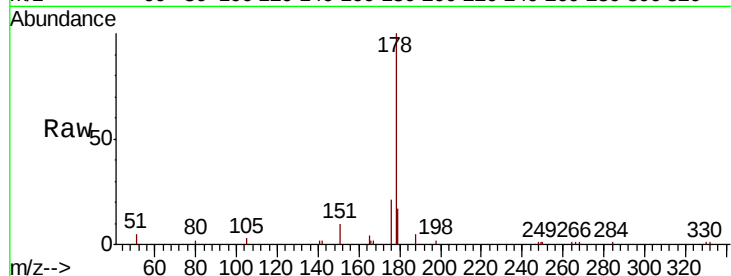




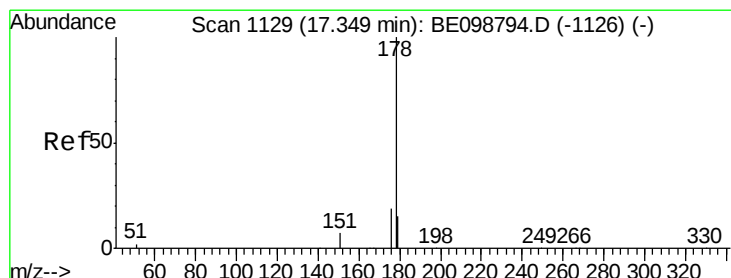
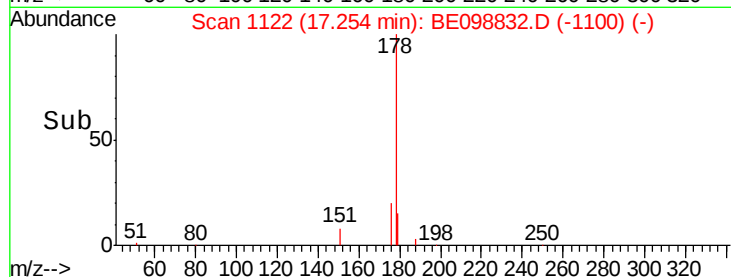
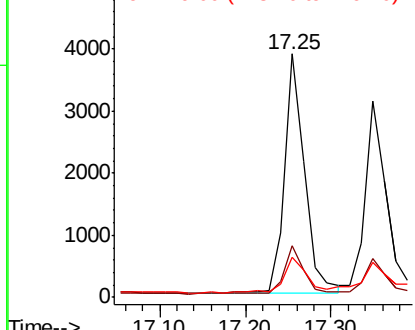
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tot Ion:178 Resp: 6276
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.8 12.1 18.1

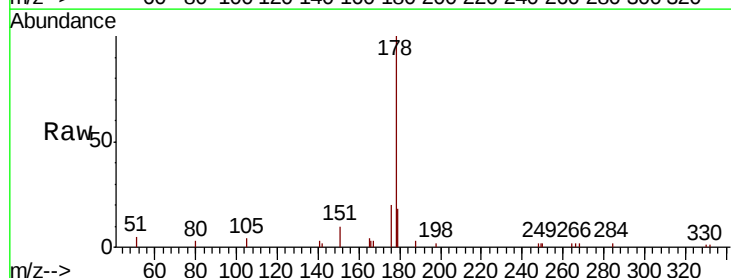


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

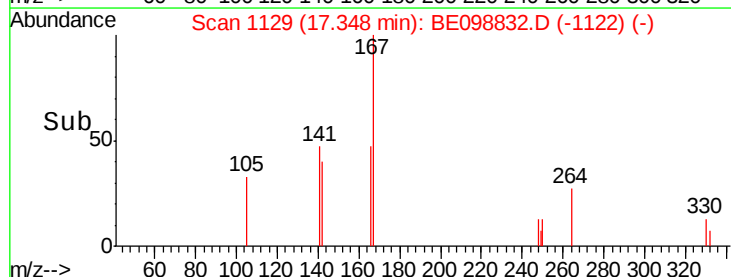
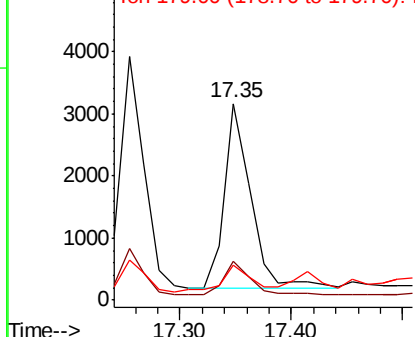


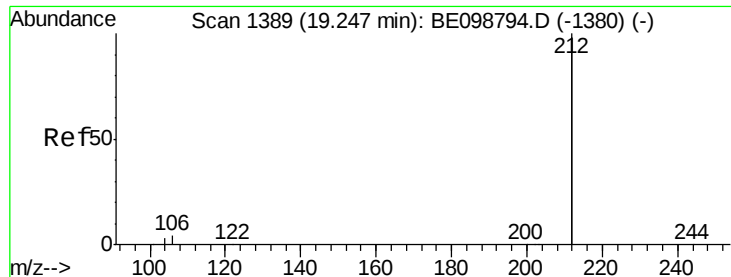
#24
Anthracene
Concen: 0.326 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Tgt Ion:178 Resp: 4943
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 14.9 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





#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

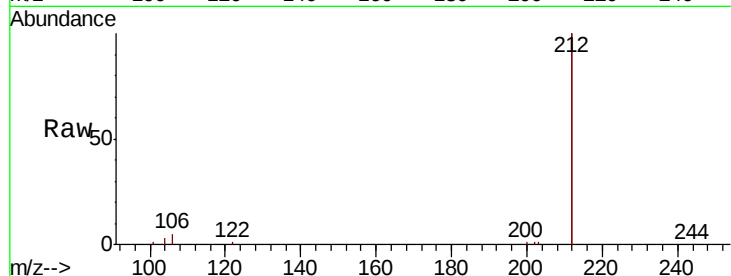
Tot Ion:212 Resp: 32566

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

104 1.5 1.0 1.6

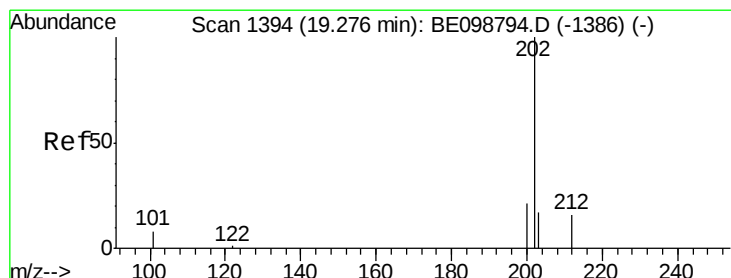
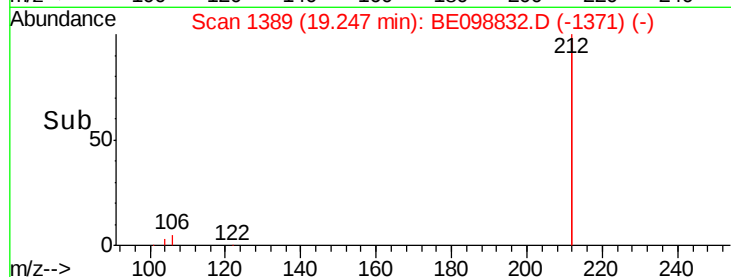
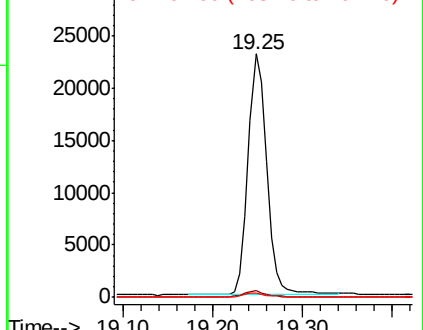


Abundance

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: 0.302 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

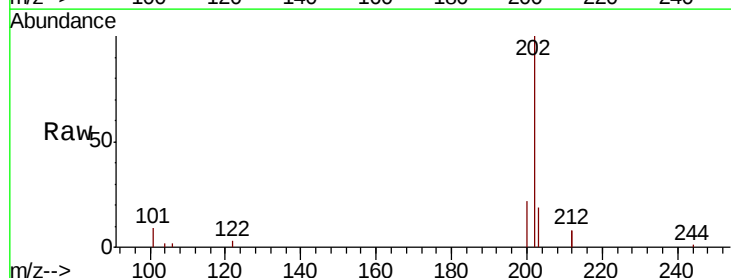
Tgt Ion:202 Resp: 7567

Ion Ratio Lower Upper

202 100

101 9.0 7.3 10.9

203 16.9 13.4 20.2

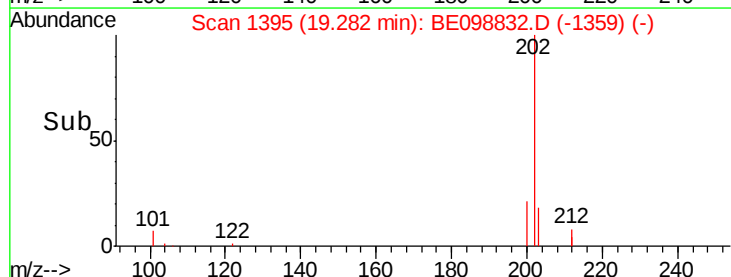
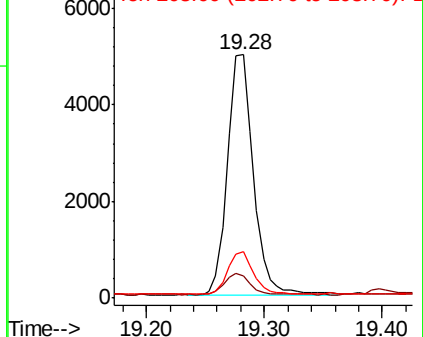


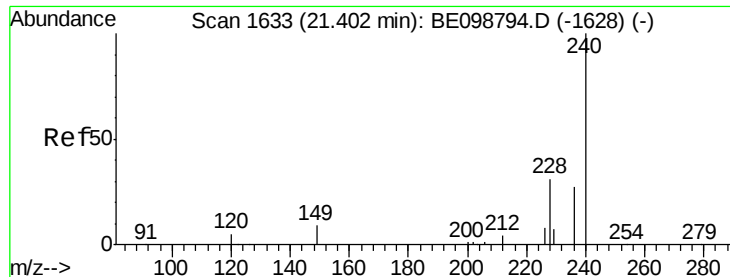
Abundance

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

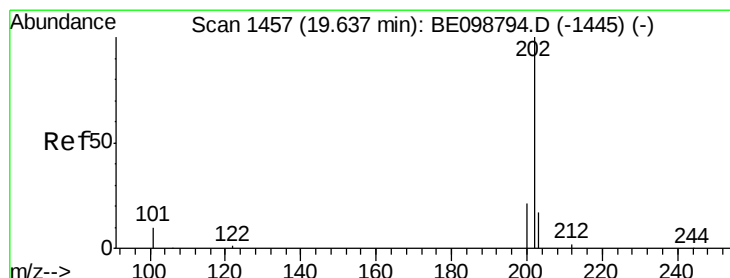
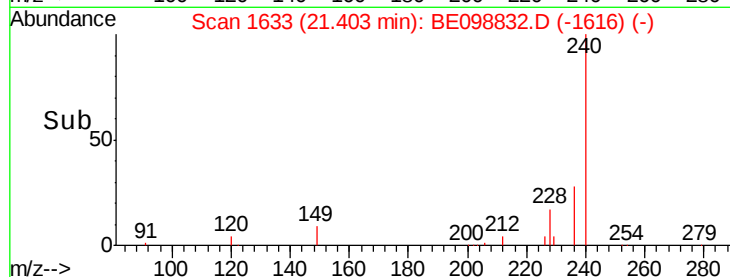
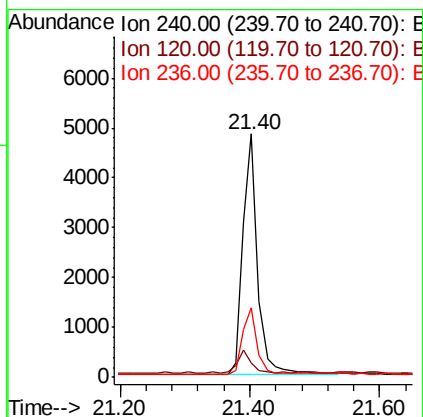
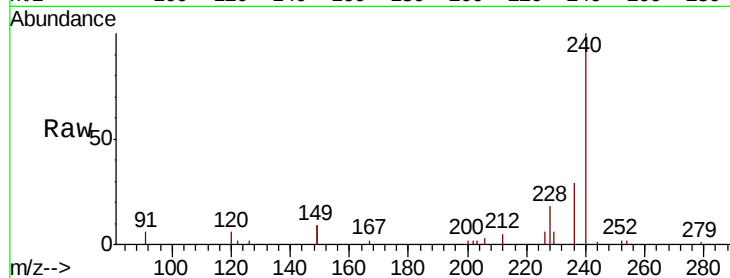




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098832.D
 Acq: 8 Mar 2019 11:50

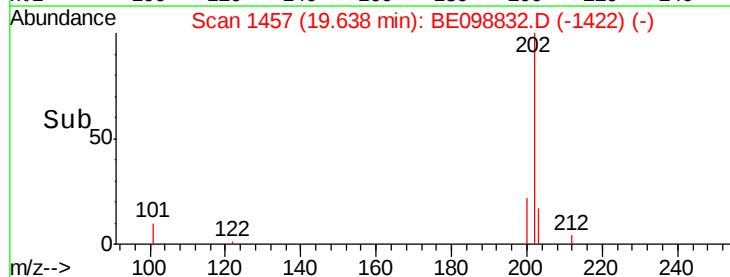
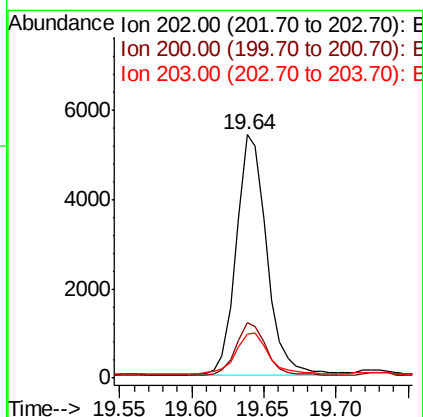
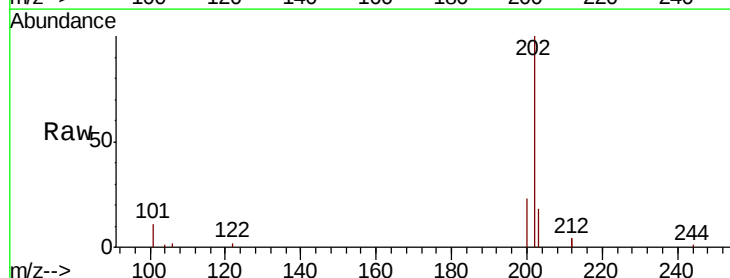
Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

Tot Ion:240 Resp: 7594
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.0 7.4
 236 28.8 22.7 34.1



#28
 Pyrene
 Concen: 0.341 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BE098832.D
 Acq: 8 Mar 2019 11:50

Tgt Ion:202 Resp: 7927
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.0 25.6
 203 19.0 14.2 21.2





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

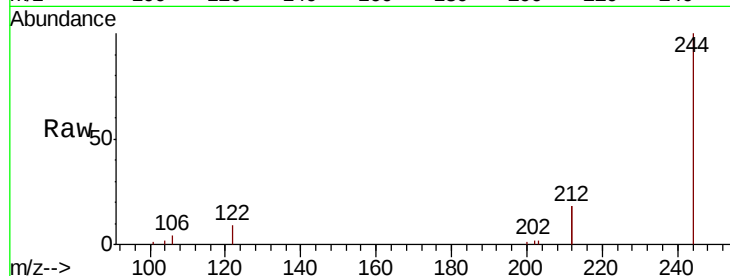
Tot Ion:244 Resp: 8330

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

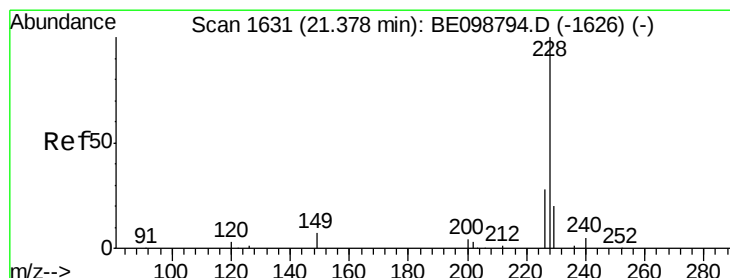
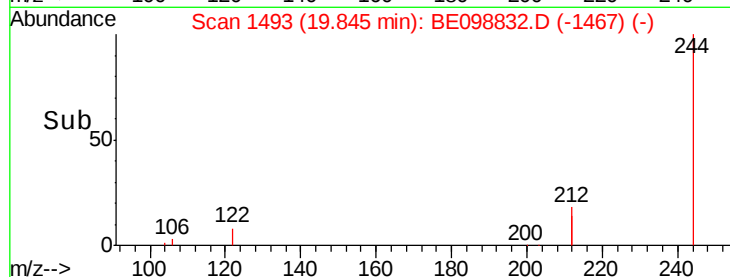
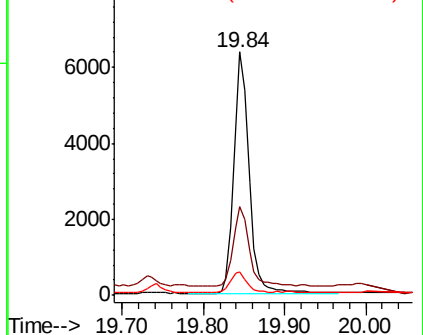
122 9.5 7.1 10.7



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: 0.323 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

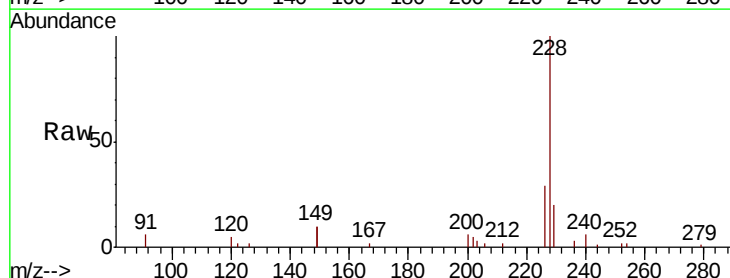
Tgt Ion:228 Resp: 7649

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.4

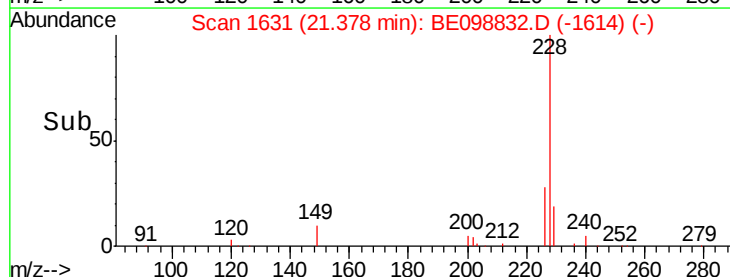
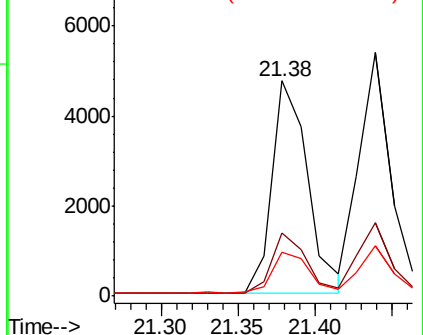
229 20.3 16.5 24.7



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: 0.298 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

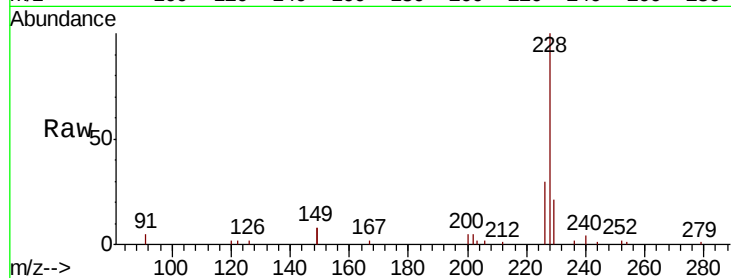
Tot Ion:228 Resp: 7552

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

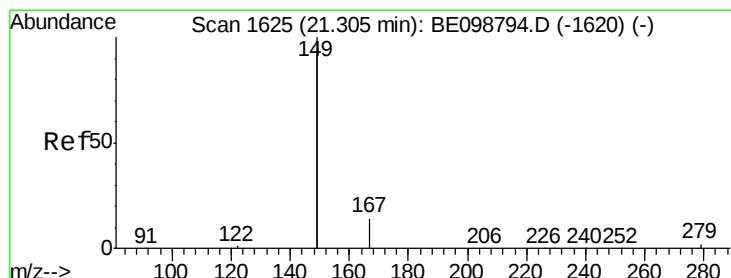
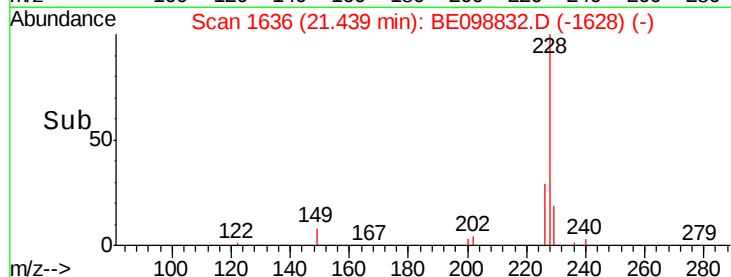
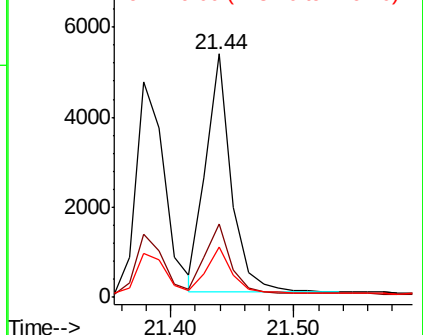
229 20.7 16.1 24.1



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: 0.441 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

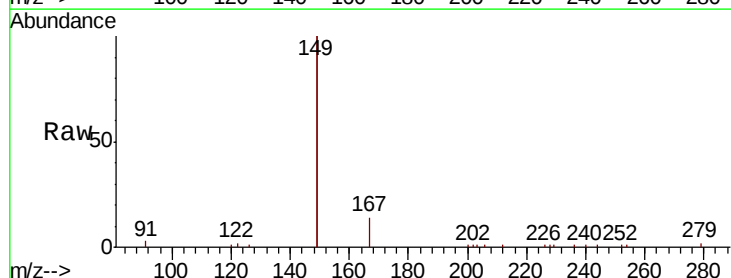
Tgt Ion:149 Resp: 22244

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

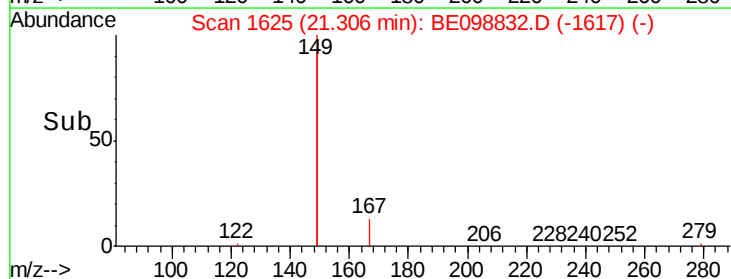
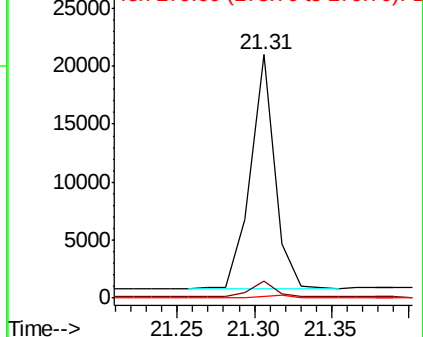
279 1.1 1.0 1.4



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

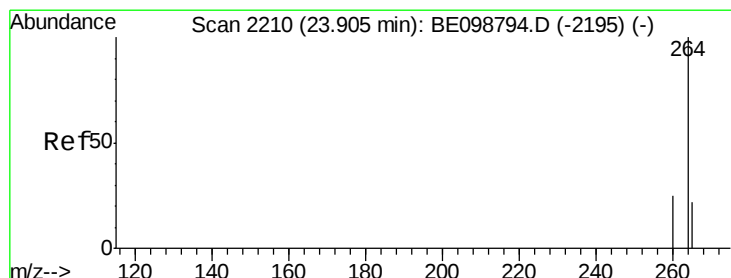
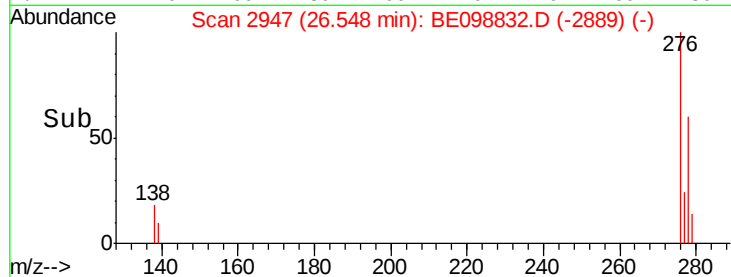
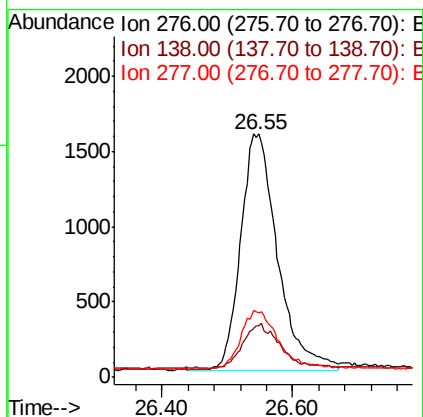
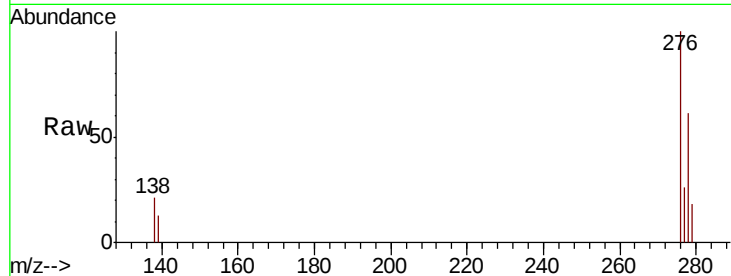




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.01 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

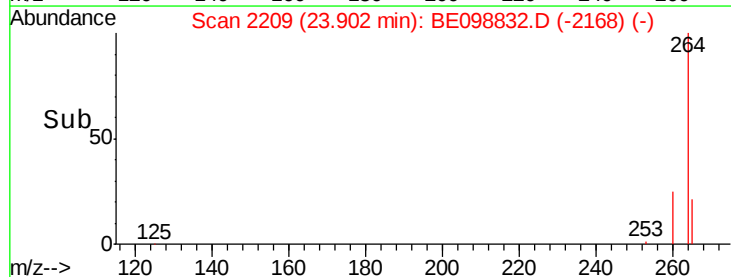
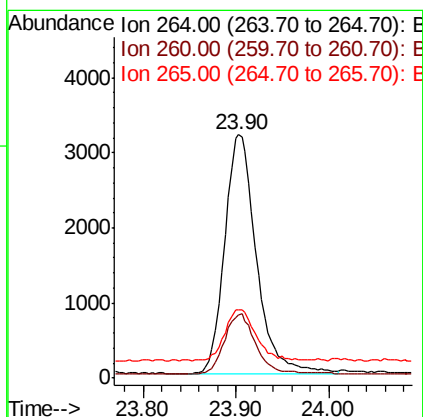
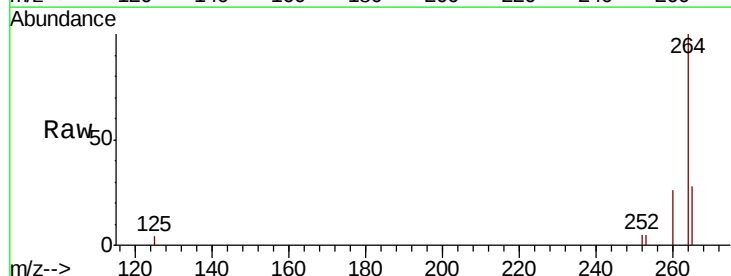
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

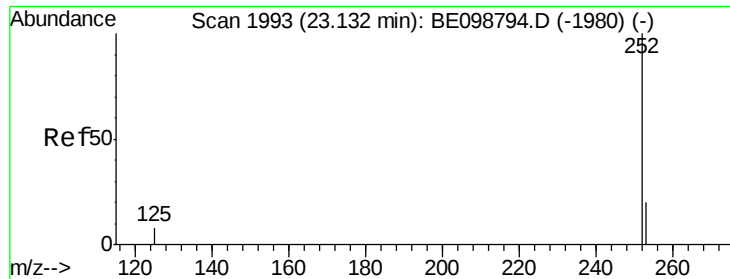
Tot Ion:276 Resp: 6151
Ion Ratio Lower Upper
276 100
138 18.5 13.8 20.8
277 25.3 19.5 29.3



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Tgt Ion:264 Resp: 7583
Ion Ratio Lower Upper
264 100
260 26.1 21.2 31.8
265 27.9 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.293 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.06 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

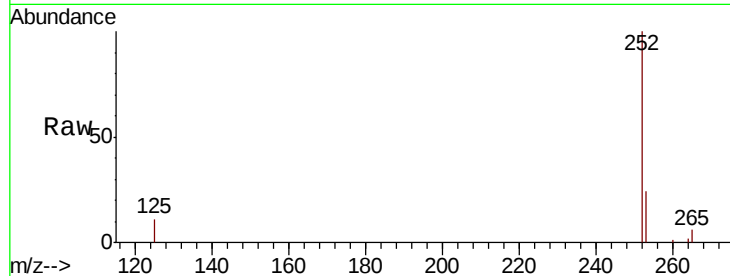
Tot Ion:252 Resp: 7297

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

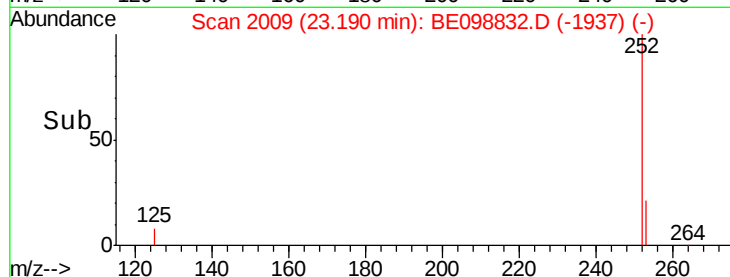
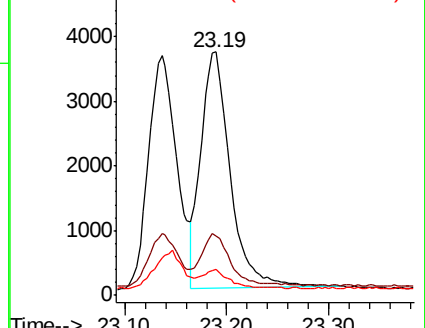
125 10.5 7.3 10.9



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: 0.284 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

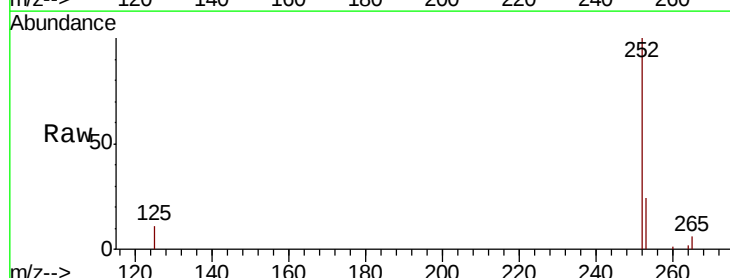
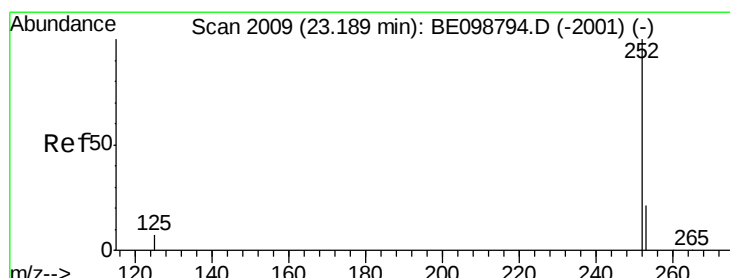
Tgt Ion:252 Resp: 7402

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

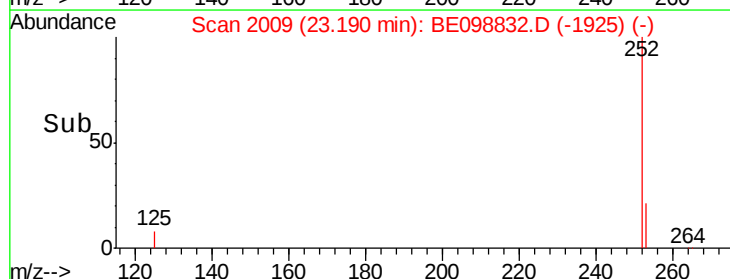
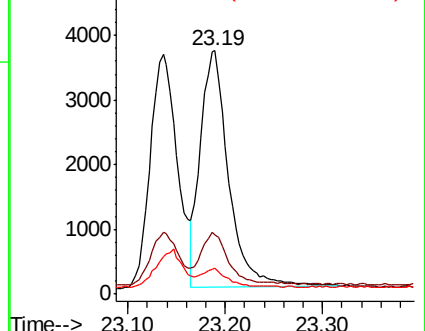
125 10.5 7.5 11.3



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

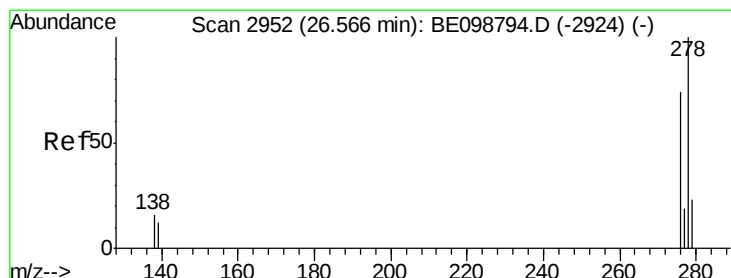
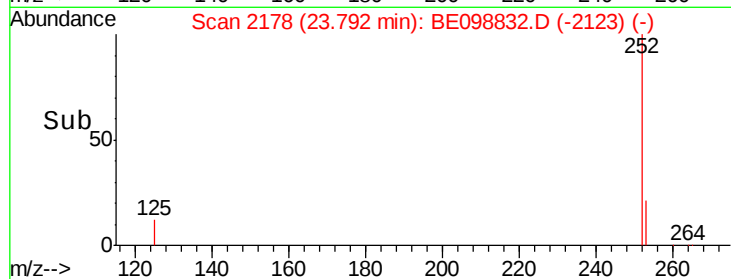
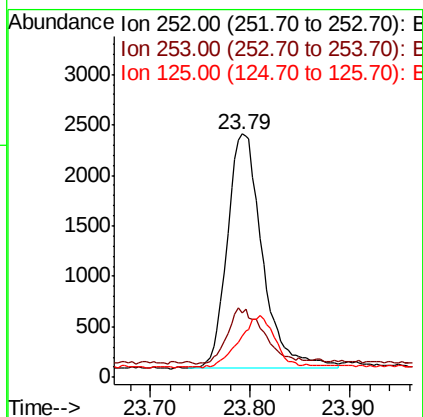
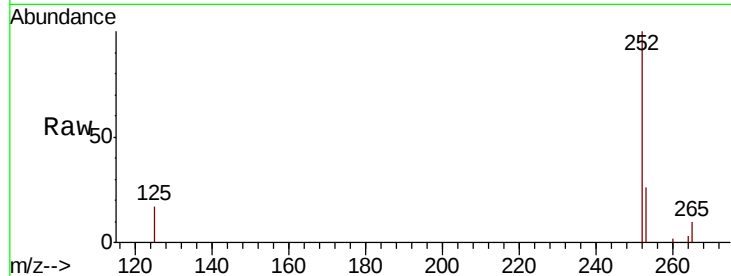




#37
Benzo(a)pyrene
Concen: 0.239 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

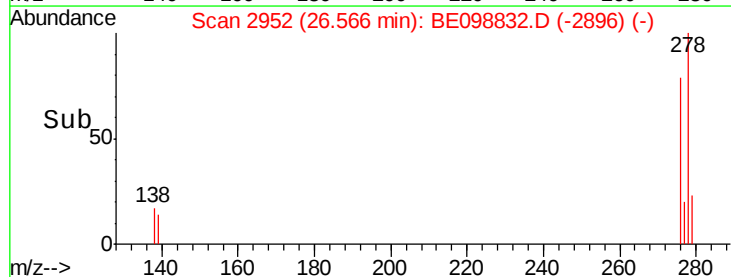
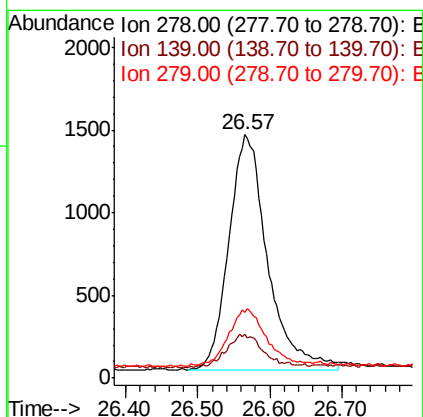
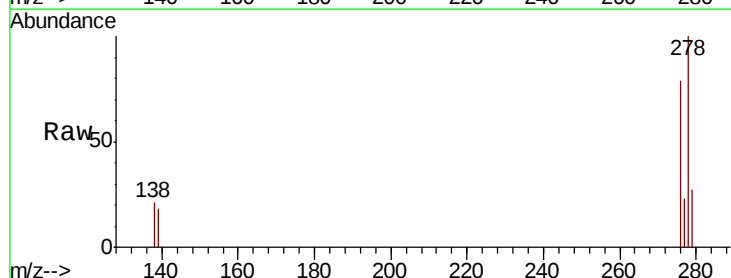
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tot Ion:252 Resp: 5706
Ion Ratio Lower Upper
252 100
253 26.3 19.9 29.9
125 17.0 9.0 13.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.229 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BE098832.D
Acq: 8 Mar 2019 11:50

Tgt Ion:278 Resp: 5171
Ion Ratio Lower Upper
278 100
139 17.9 11.8 17.6#
279 27.1 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.201 ng

RT: 27.35 min Scan# 3173

Delta R.T. 0.01 min

Lab File: BE098832.D

Acq: 8 Mar 2019 11:50

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

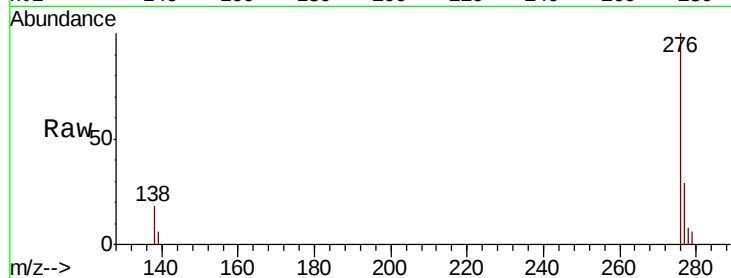
Tot Ion: 276 Resp: 4750

Ion Ratio Lower Upper

276 100

277 29.2 20.4 30.6

138 18.2 13.6 20.4



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

