

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098818.D
 Acq On : 7 Mar 2019 13:47
 Operator : JU/SJ
 Sample : K1655-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

Quant Time: Mar 08 03:34:34 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	7.78	152	864	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3553	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2331	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5898	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7513	0.40	ng	-0.01
34) Perylene-d12	23.90	264	7393	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	298	0.12	ng	0.00
5) Phenol-d6	6.96	99	274	0.08	ng	-0.02
8) Nitrobenzene-d5	8.95	82	1086	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.19	152	2225	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	395	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3584	0.37	ng	-0.01
25) Fluoranthene-d10	19.24	212	30994	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8187	0.45	ng	0.00

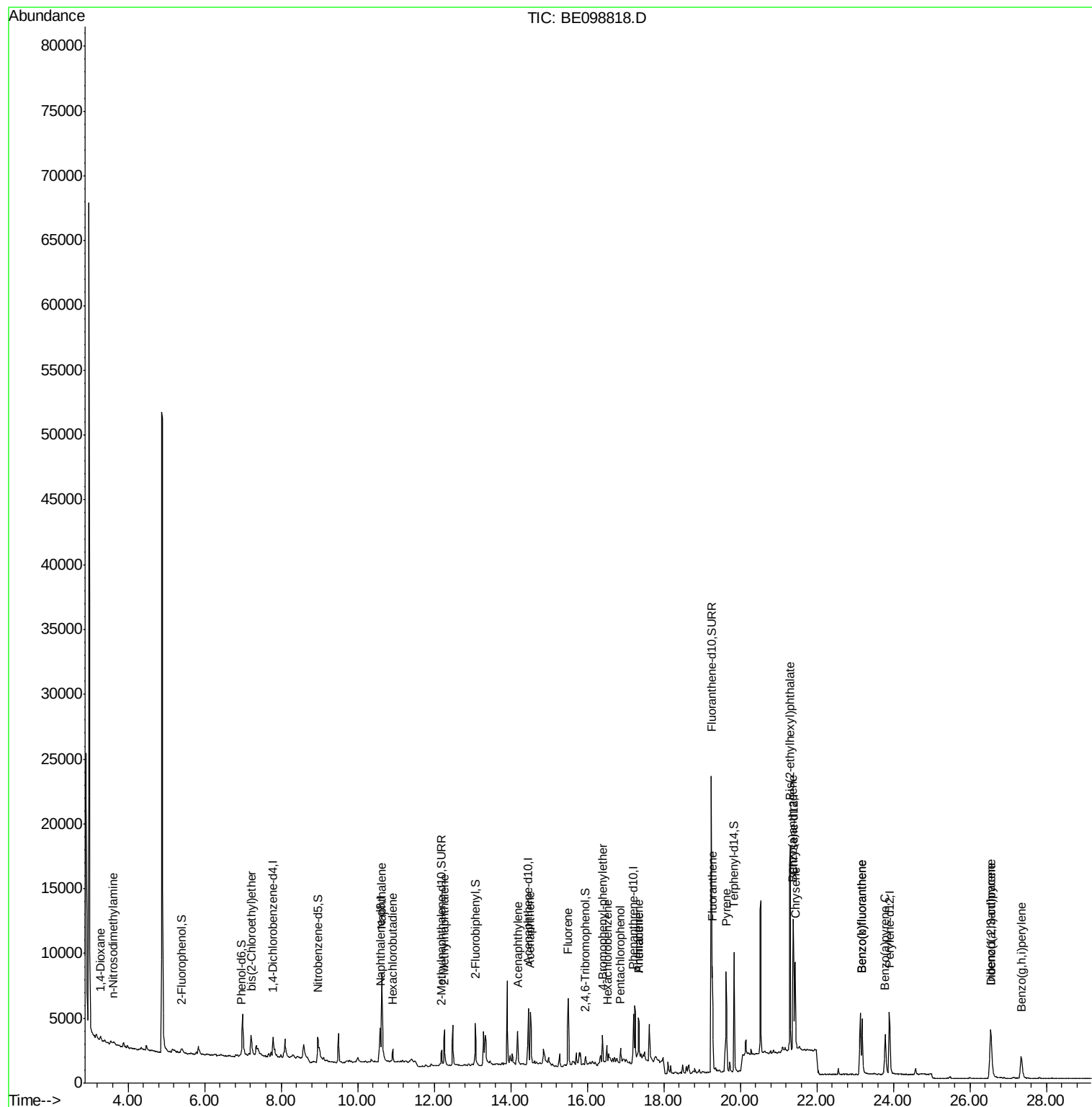
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	184	0.034	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	138	0.063	ng	# 20
6) bis(2-Chloroethyl)ether	7.22	93	793	0.282	ng	# 78
9) Naphthalene	10.63	128	13586	0.334	ng	99
10) Hexachlorobutadiene	10.91	225	708	0.263	ng	98
12) 2-Methylnaphthalene	12.27	142	2326	0.352	ng	98
16) Acenaphthylene	14.18	152	3581	0.299	ng	97
17) Acenaphthene	14.51	154	2177	0.306	ng	96
18) Fluorene	15.50	166	3175	0.310	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1036	0.324	ng	# 79
21) Hexachlorobenzene	16.52	284	1120	0.295	ng	95
22) Pentachlorophenol	16.87	266	724	0.824	ng	# 83
23) Phenanthrene	17.34	178	5051	0.301	ng	96
24) Anthracene	17.34	178	4461	0.311	ng	99
26) Fluoranthene	19.27	202	7368	0.311	ng	99
28) Pyrene	19.63	202	7748	0.337	ng	99
30) Benzo(a)anthracene	21.38	228	7234	0.309	ng	99
31) Chrysene	21.44	228	7503	0.299	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	22431	0.450	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	5984	0.226	ng	99
35) Benzo(b)fluoranthene	23.18	252	7202	0.296	ng	95
36) Benzo(k)fluoranthene	23.18	252	7287	0.286	ng	98
37) Benzo(a)pyrene	23.79	252	5546	0.238	ng	# 92
38) Dibenzo(a,h)anthracene	26.55	278	4964	0.225	ng	# 92
39) Benzo(g,h,i)perylene	27.34	276	4614	0.200	ng	98

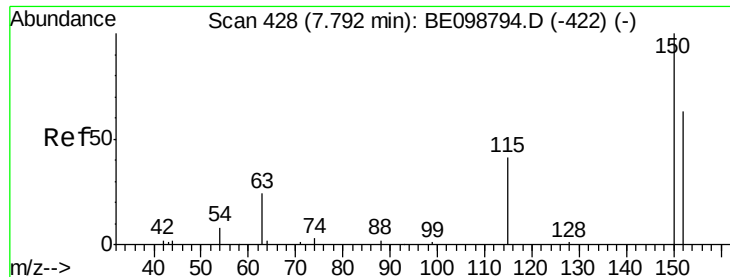
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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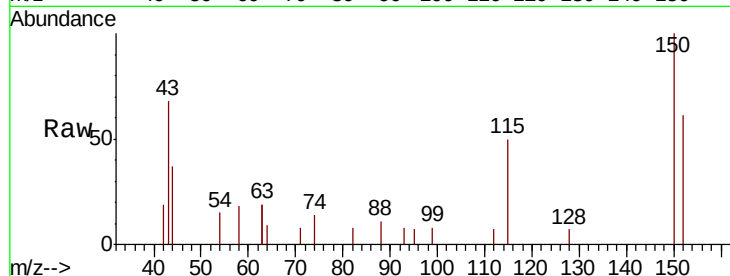


#1

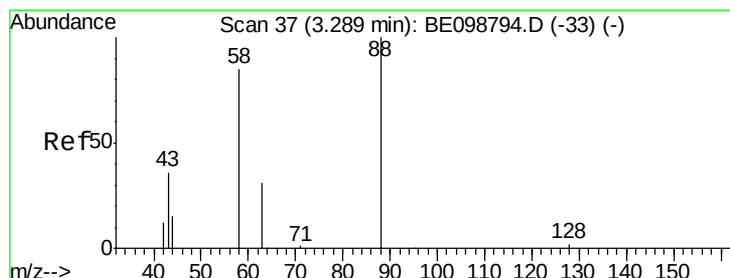
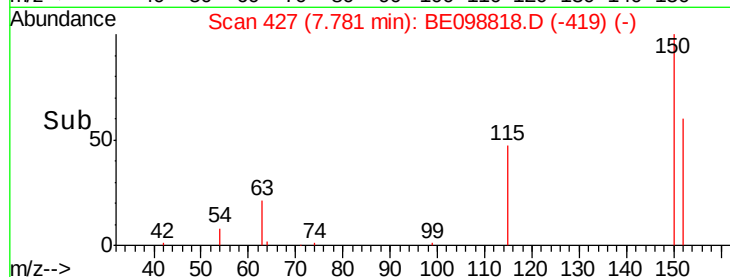
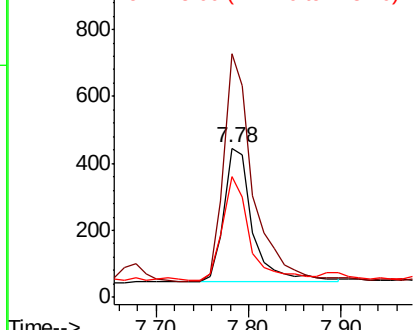
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion: 152 Resp: 864
Ion Ratio Lower Upper
152 100
150 163.4 122.5 183.7
115 80.9 57.4 86.2



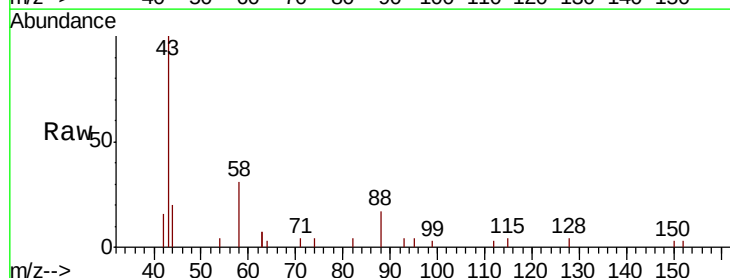
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



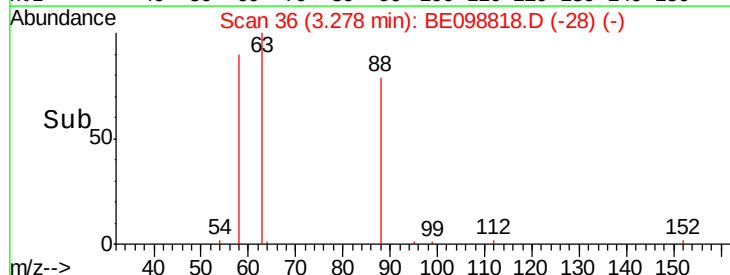
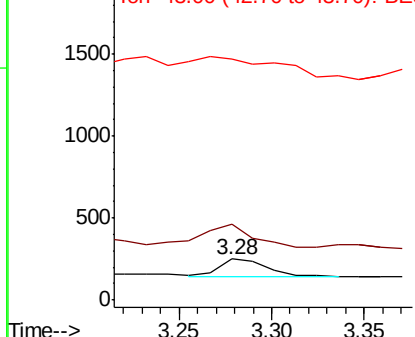
#2

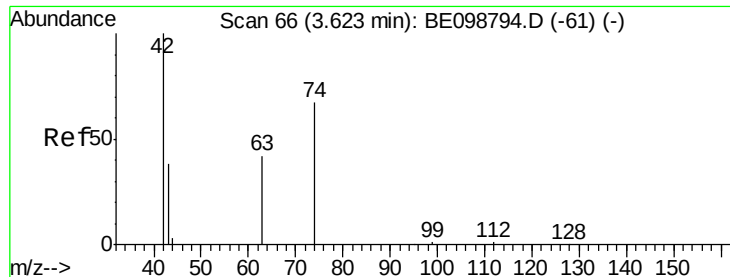
1,4-Dioxane
Concen: 0.034 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
58 150.0 75.8 113.6#
43 180.4 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: 0.063 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

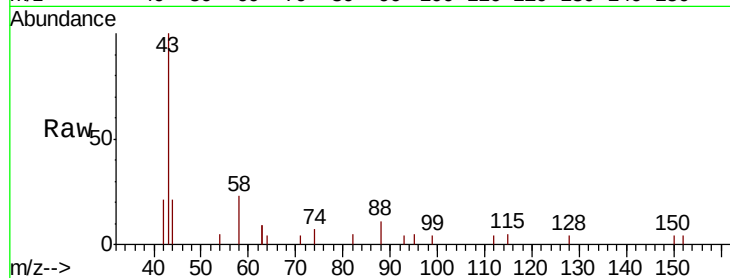
Tgt Ion: 42 Resp: 138

Ion Ratio Lower Upper

42 100

74 137.7 57.0 85.4#

44 0.0 0.0 0.0

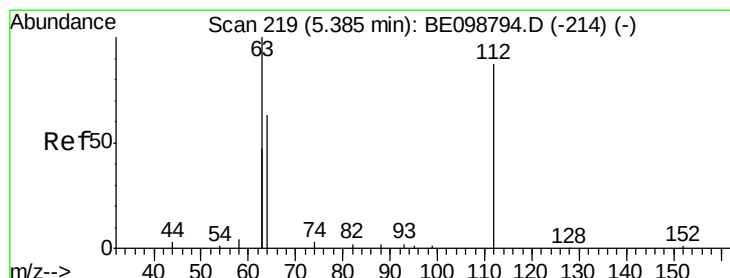
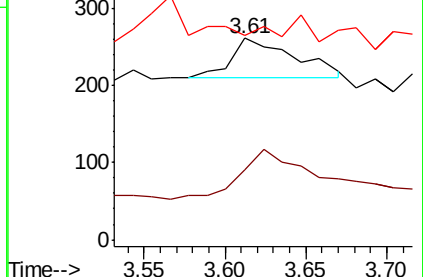
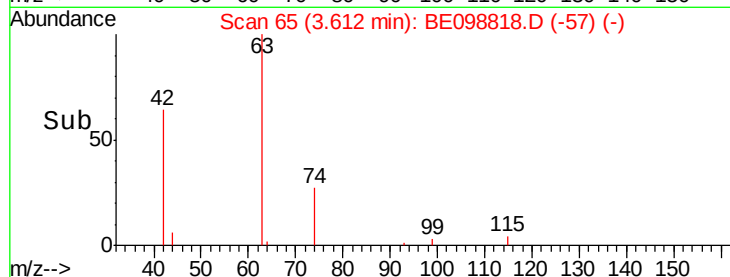


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.115 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

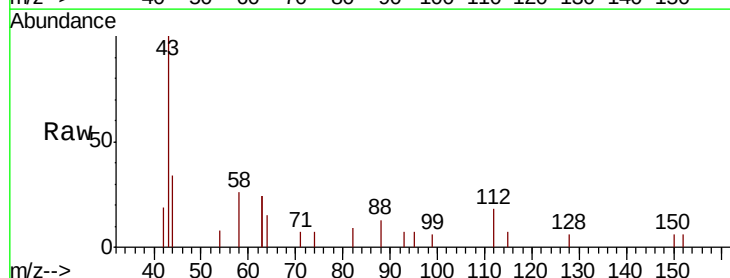
Tgt Ion: 112 Resp: 298

Ion Ratio Lower Upper

112 100

64 90.6 57.9 86.9#

63 0.0 158.3 237.5#

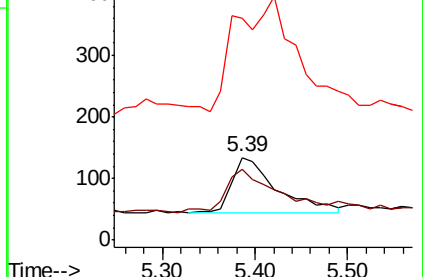
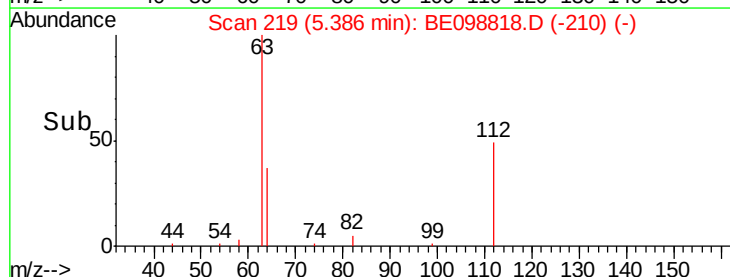


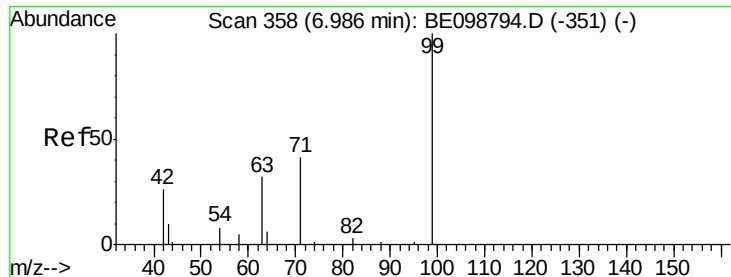
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

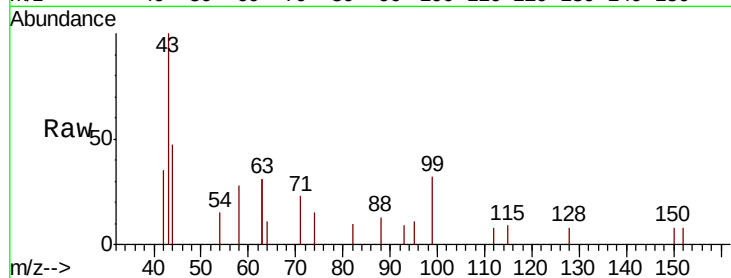
Tgt Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 65.7 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

300

250

200

150

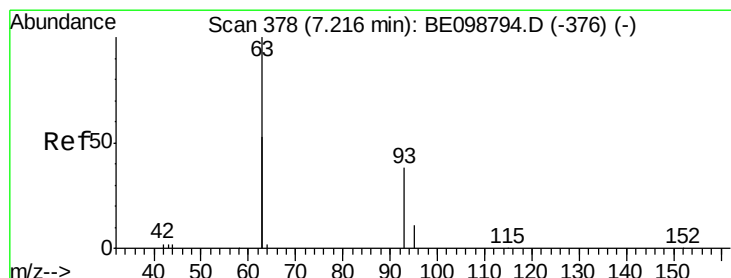
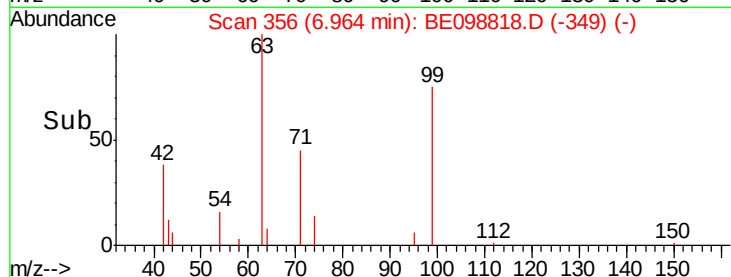
100

50

0

6.85 6.90 6.95 7.00 7.05

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.282 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

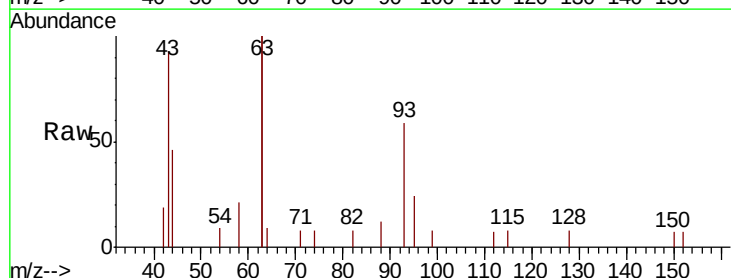
Tgt Ion: 93 Resp: 793

Ion Ratio Lower Upper

93 100

63 355.4 247.5 371.3

95 33.9 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

1500

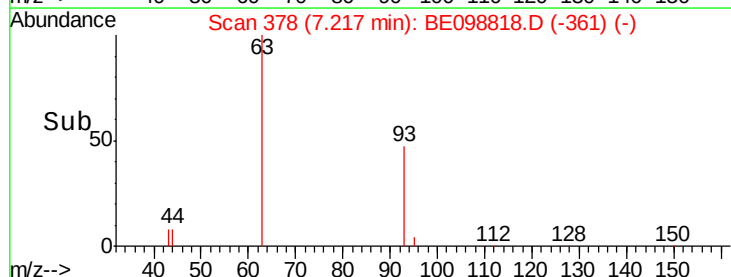
1000

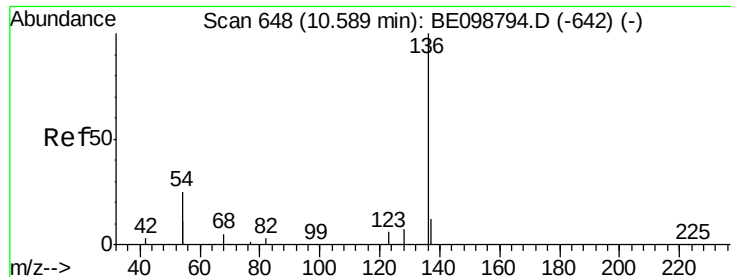
500

0

7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

Tgt Ion:136 Resp: 3553

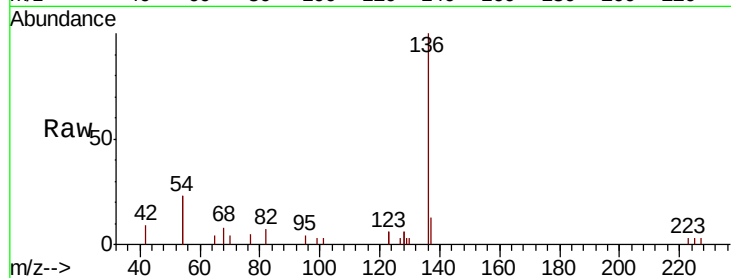
Ion Ratio Lower Upper

136 100

137 13.2 11.4 17.0

54 45.5 39.3 58.9

68 7.8 6.7 10.1

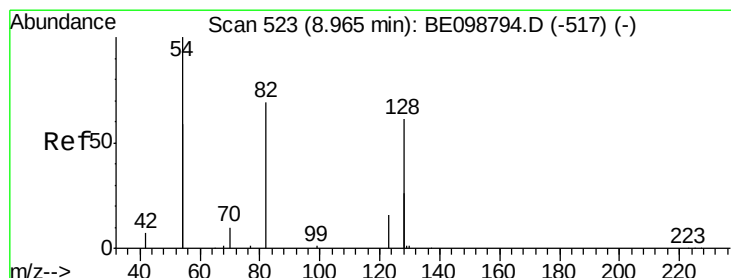
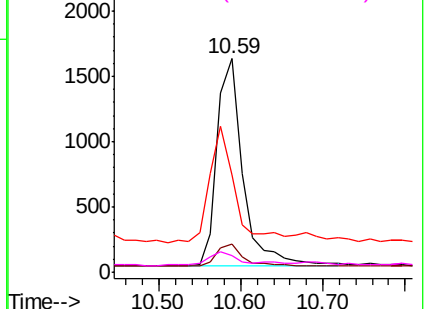
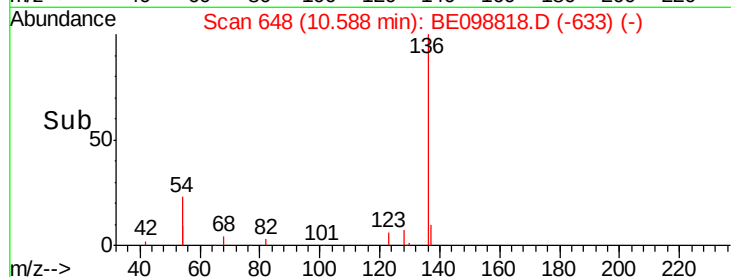


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.291 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

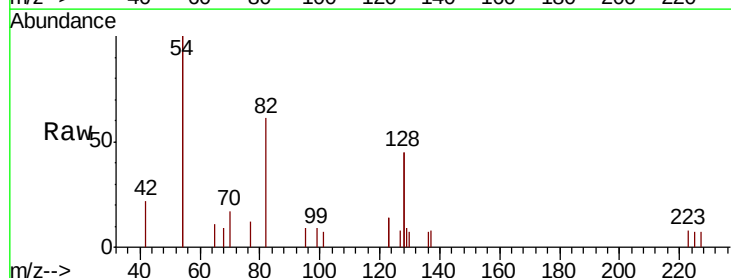
Tgt Ion: 82 Resp: 1086

Ion Ratio Lower Upper

82 100

128 146.7 123.8 185.8

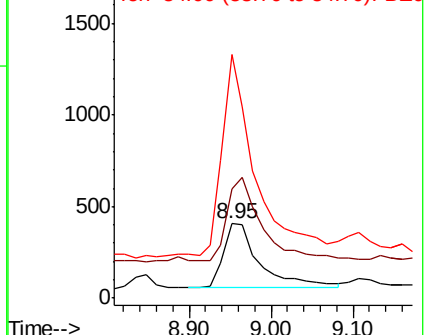
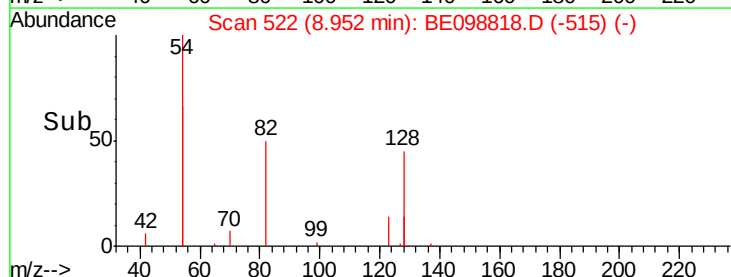
54 328.4 203.4 305.2#

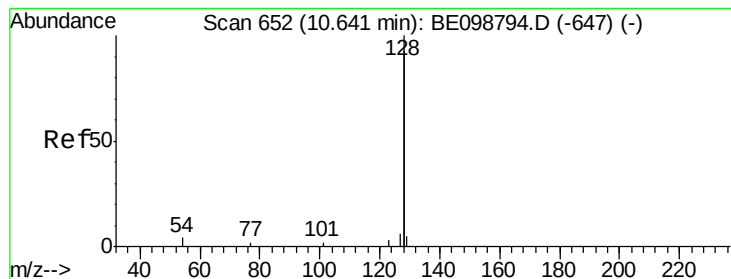


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.334 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098818.D

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A0C1-TWPMS

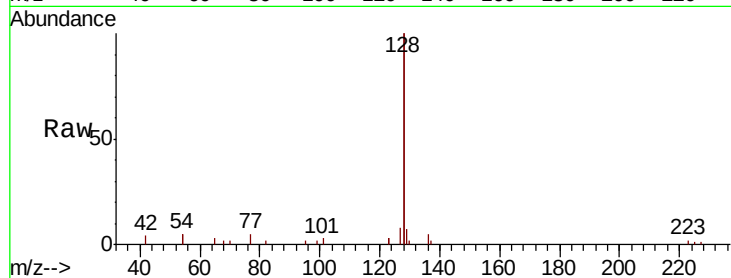
Tgt Ion:128 Resp: 13586

Ion Ratio Lower Upper

128 100

129 3.6 2.6 4.0

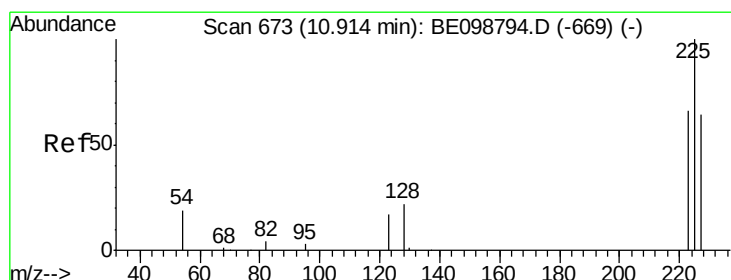
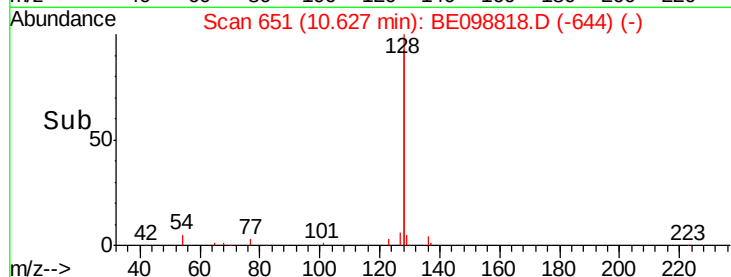
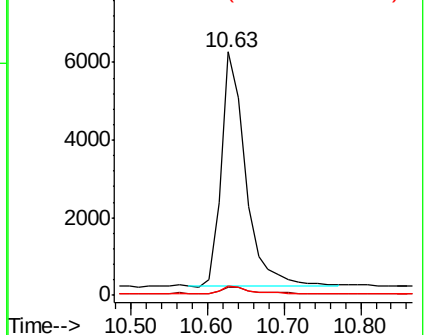
127 3.8 3.1 4.7



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: 0.263 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

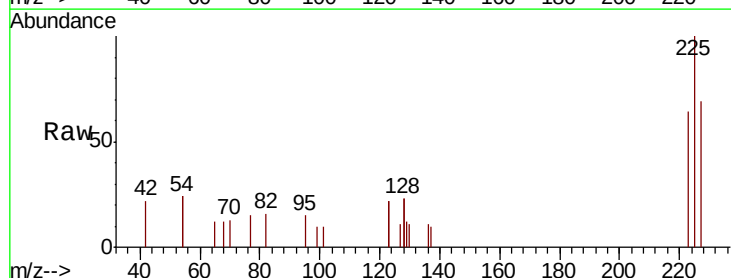
Tgt Ion:225 Resp: 708

Ion Ratio Lower Upper

225 100

223 61.2 51.1 76.7

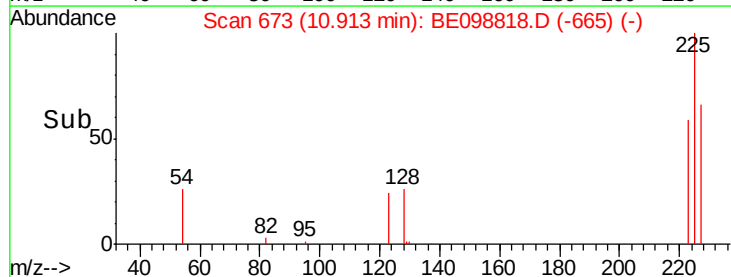
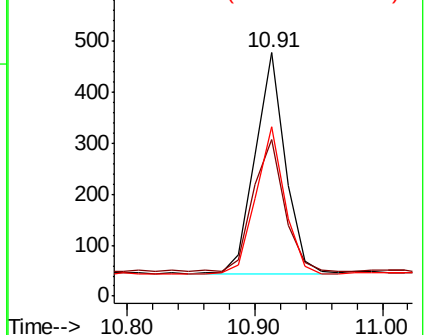
227 64.3 51.6 77.4

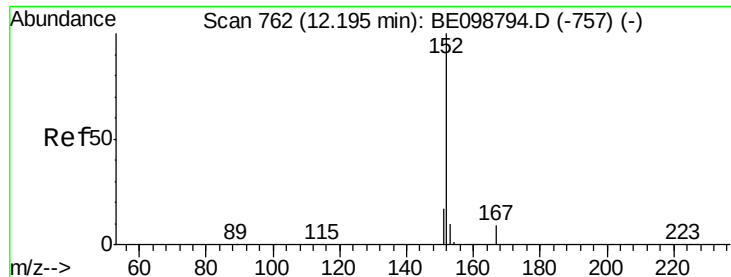


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

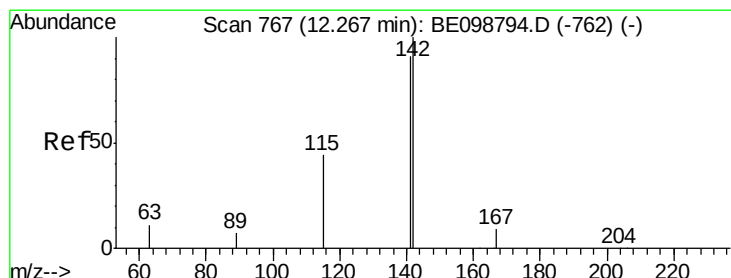
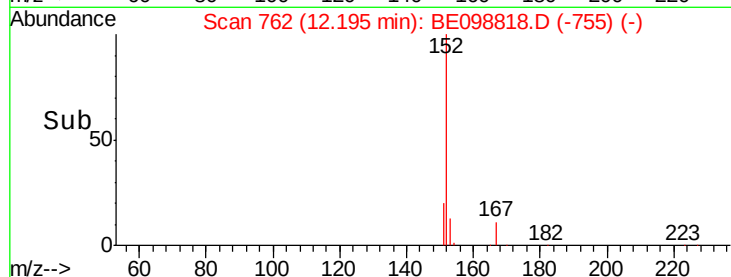
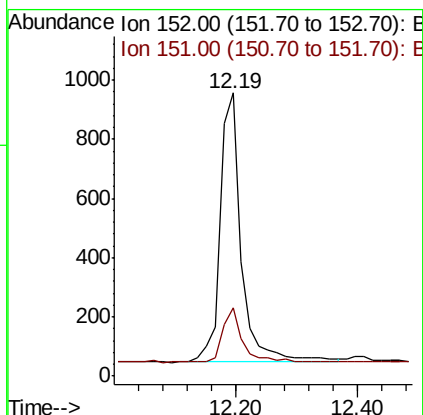
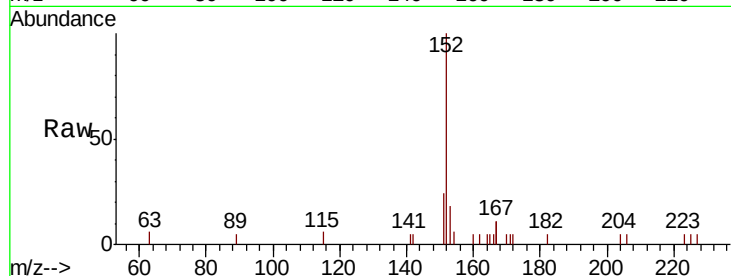




#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE098818.D
 Acq: 7 Mar 2019 13:47

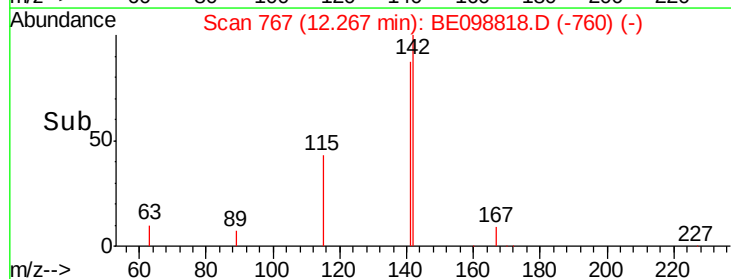
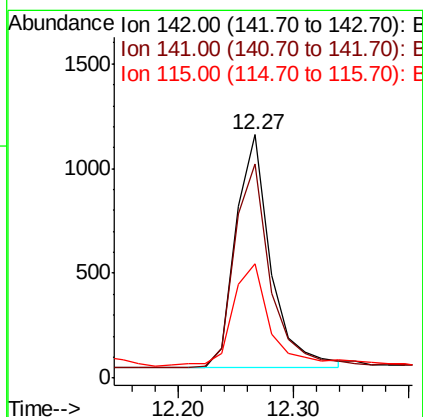
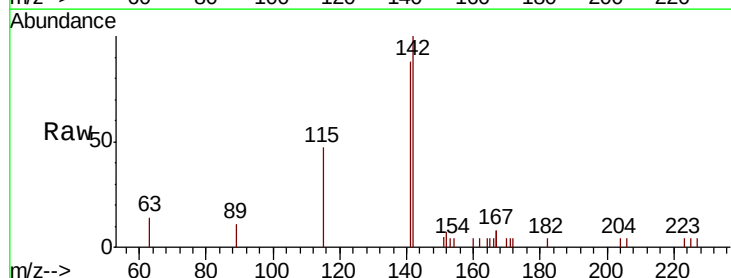
Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

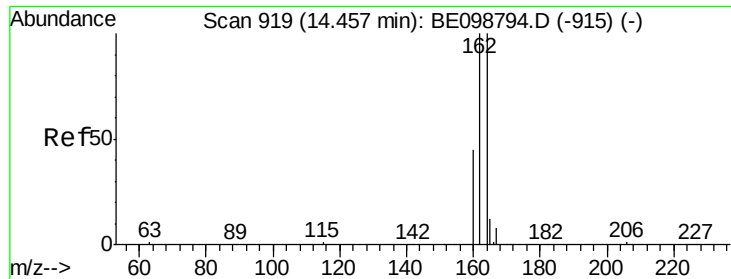
Tgt Ion:152 Resp: 2225
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.352 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098818.D
 Acq: 7 Mar 2019 13:47

Tgt Ion:142 Resp: 2326
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.6 108.8
 115 47.1 37.4 56.2

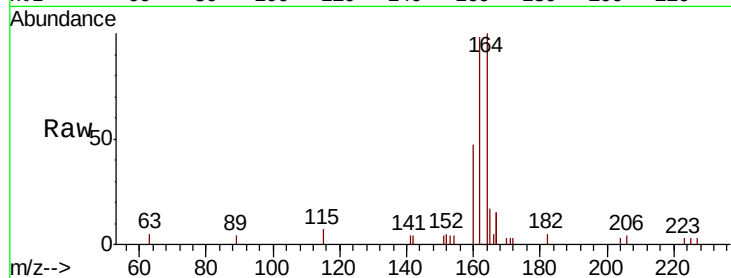




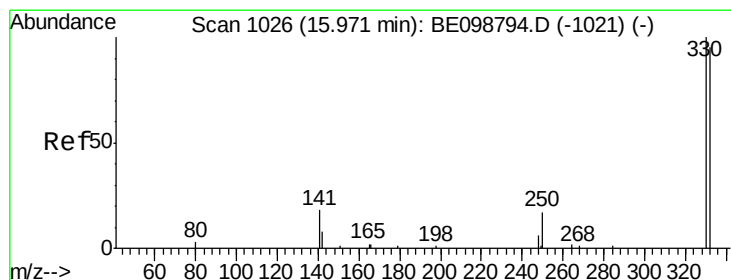
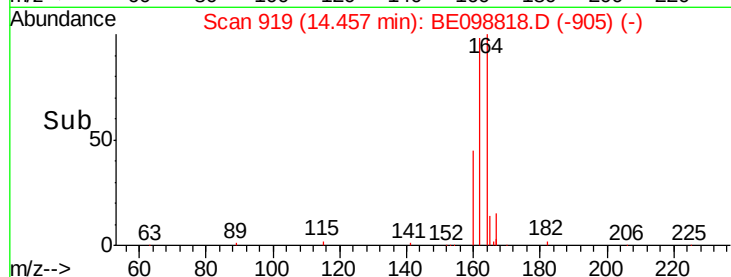
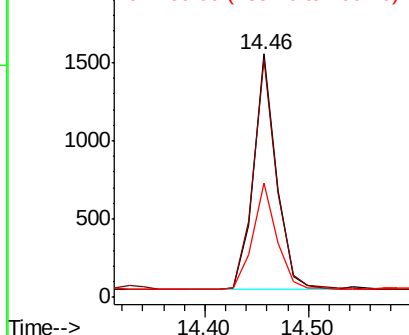
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE098818.D
 Acq: 7 Mar 2019 13:47

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWPMS

Tgt Ion:164 Resp: 2331
 Ion Ratio Lower Upper
 164 100
 162 97.8 80.2 120.2
 160 46.7 37.8 56.8

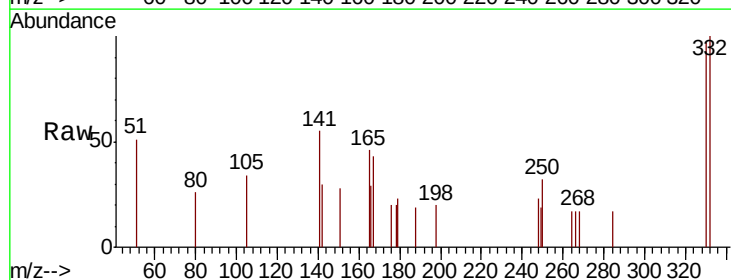


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

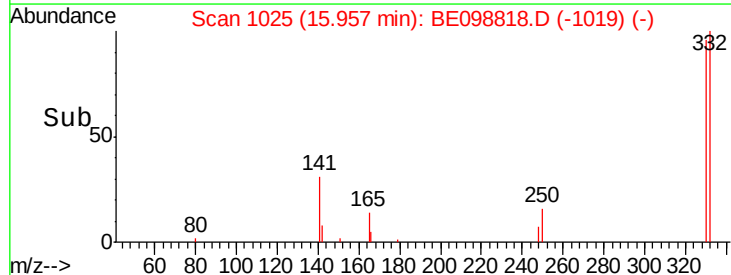
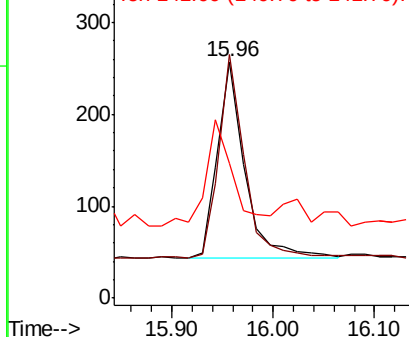


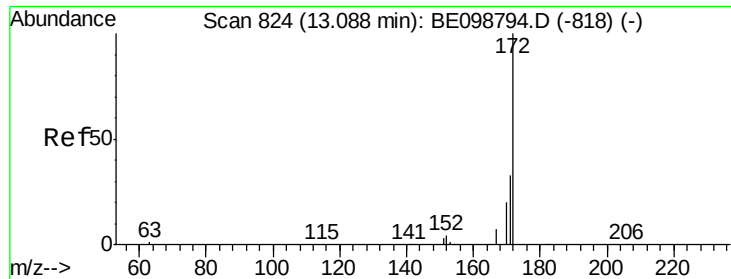
#14
 2,4,6-Tribromophenol
 Concen: 0.336 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098818.D
 Acq: 7 Mar 2019 13:47

Tgt Ion:330 Resp: 395
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 48.9 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

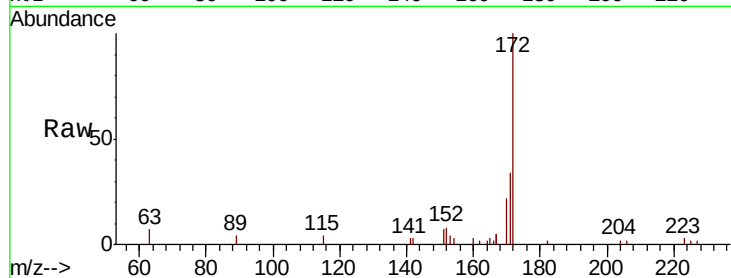




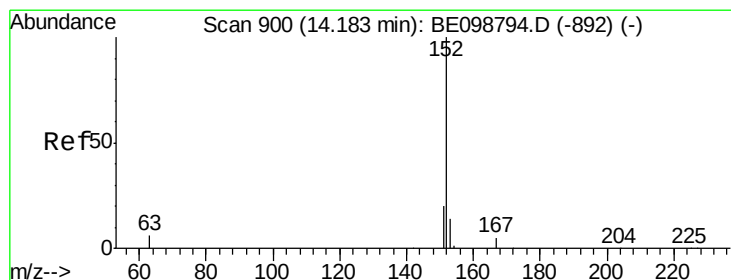
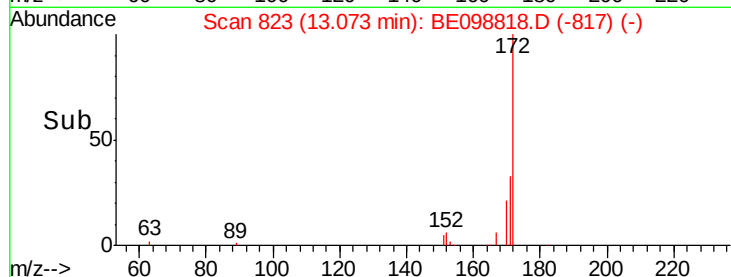
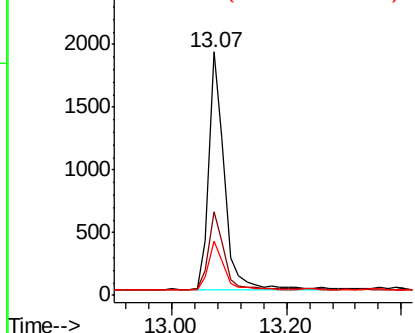
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:172 Resp: 3584
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 22.5 17.7 26.5

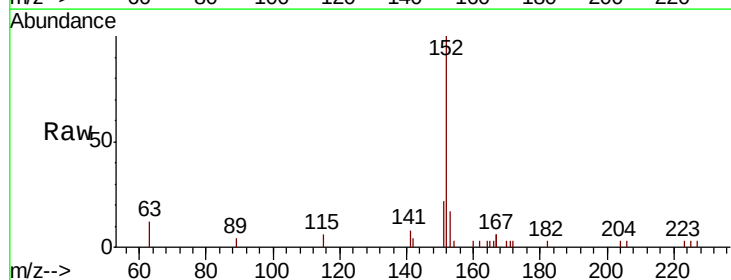


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

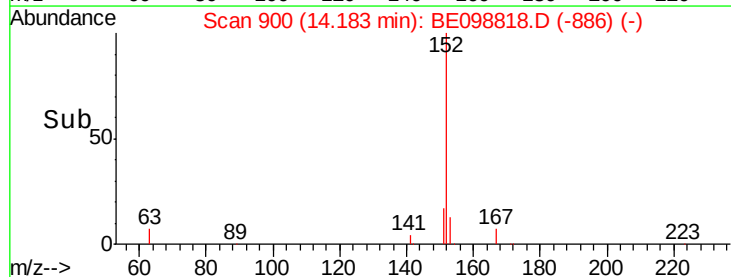
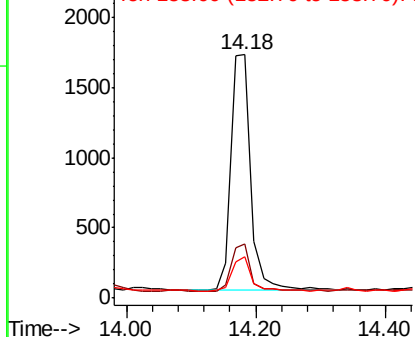


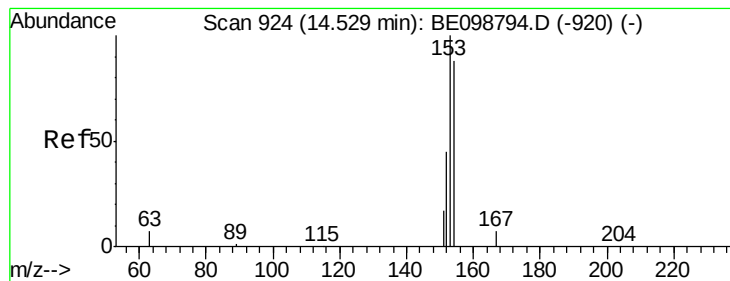
#16
Acenaphthylene
Concen: 0.299 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:152 Resp: 3581
Ion Ratio Lower Upper
152 100
151 19.4 17.0 25.6
153 14.3 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





#17

Acenaphthene

Concen: 0.306 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

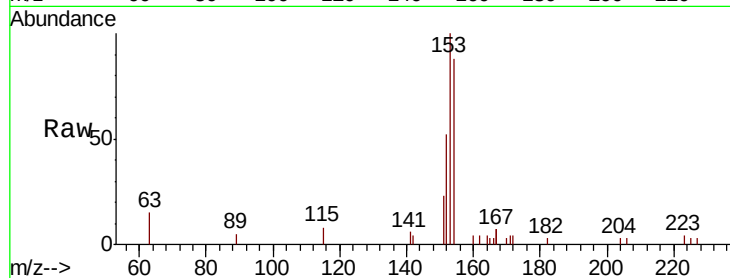
Tgt Ion:154 Resp: 2177

Ion Ratio Lower Upper

154 100

153 113.6 94.2 141.4

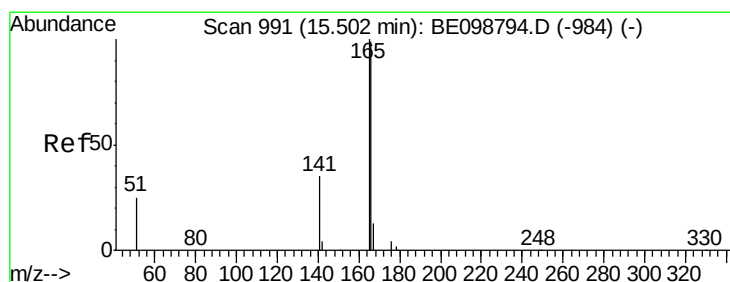
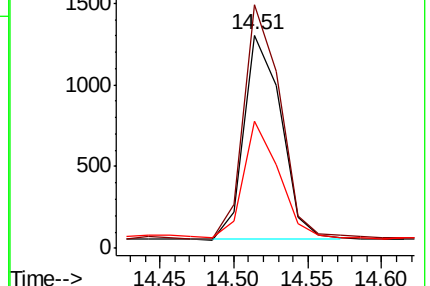
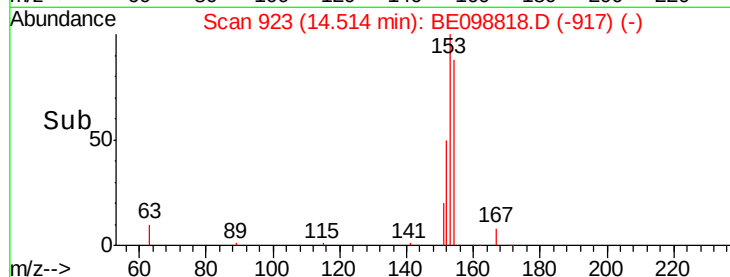
152 53.7 45.0 67.4



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: 0.310 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

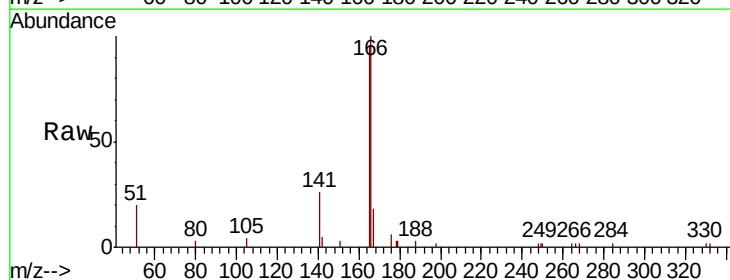
Tgt Ion:166 Resp: 3175

Ion Ratio Lower Upper

166 100

165 97.2 79.3 118.9

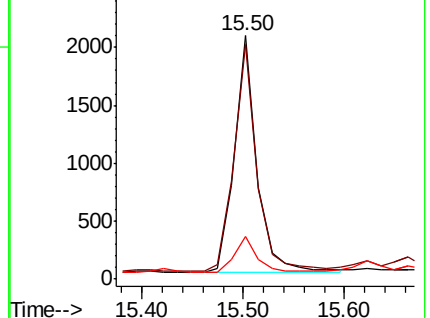
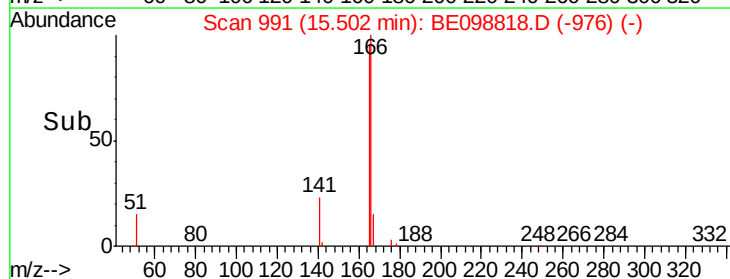
167 15.5 10.5 15.7

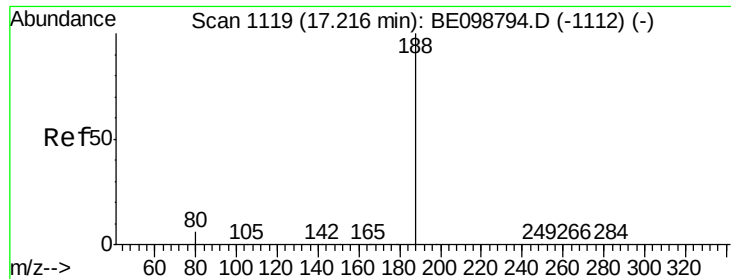


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

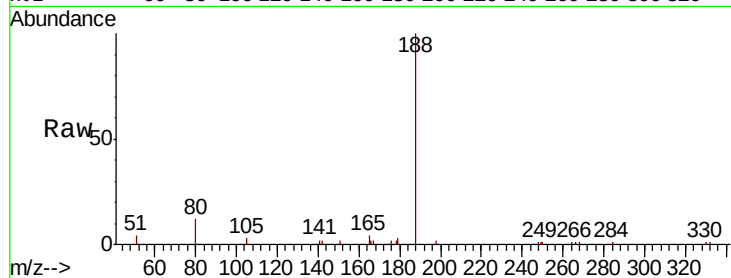
Tgt Ion:188 Resp: 5898

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

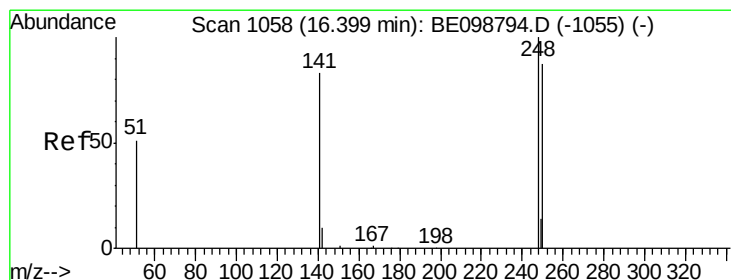
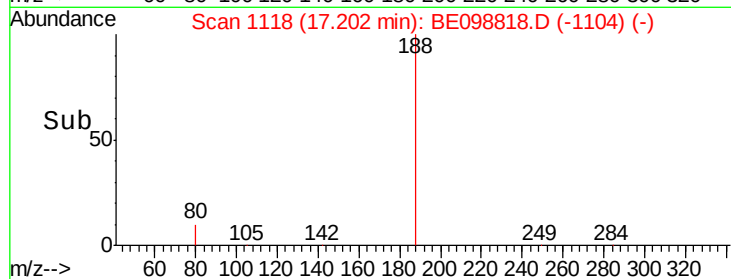
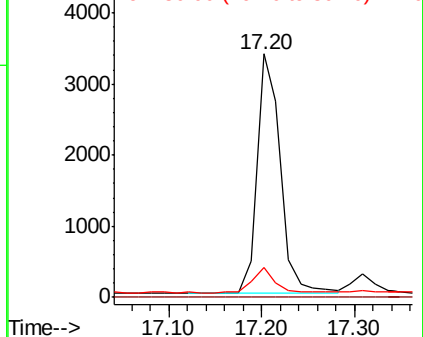
80 12.5 6.3 9.5#



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: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

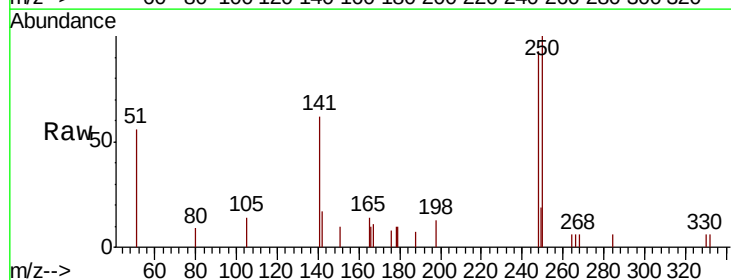
Tgt Ion:248 Resp: 1036

Ion Ratio Lower Upper

248 100

250 107.0 70.6 105.8#

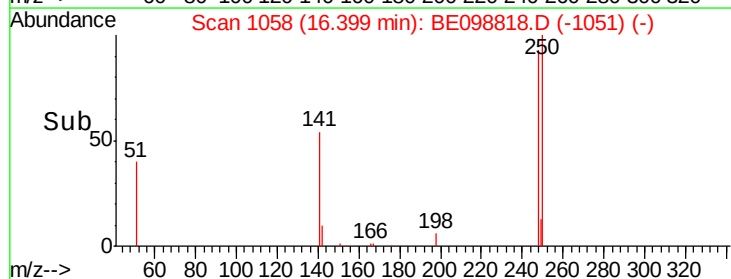
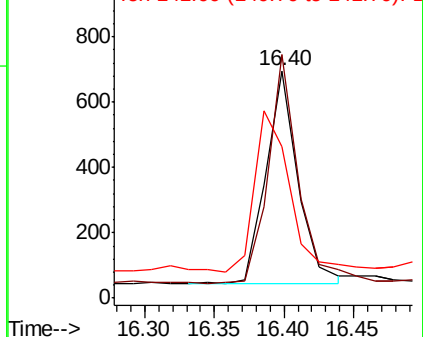
141 66.5 68.6 102.8#

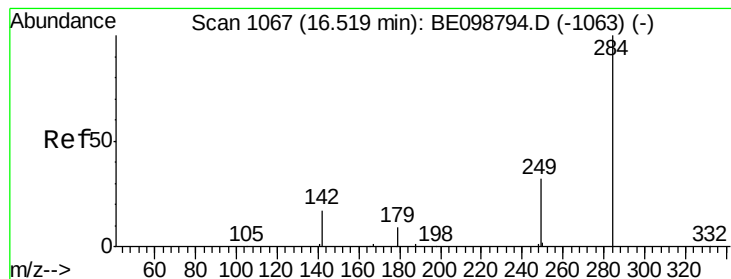


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.295 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

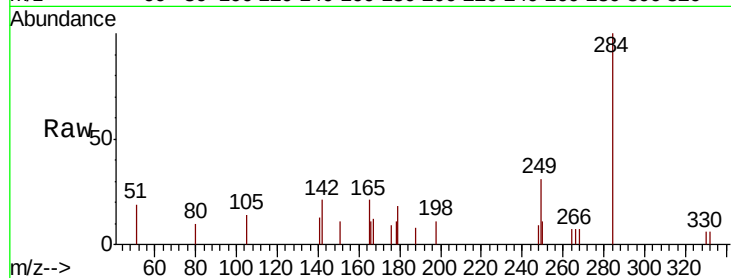
Tgt Ion:284 Resp: 1120

Ion Ratio Lower Upper

284 100

142 33.2 28.7 43.1

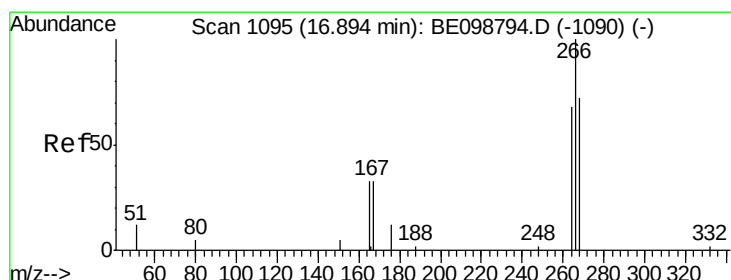
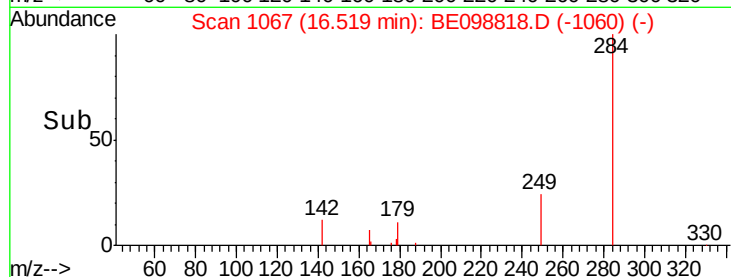
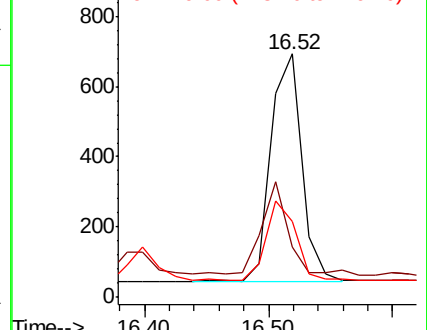
249 33.2 29.6 44.4



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: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

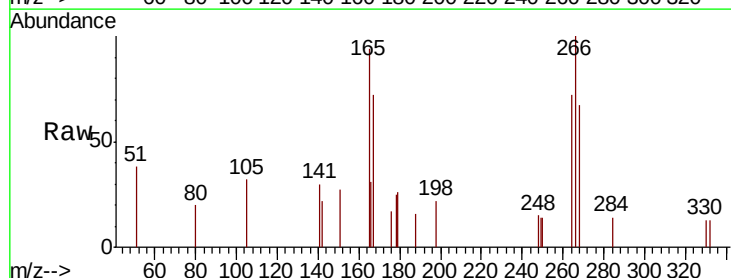
Tgt Ion:266 Resp: 724

Ion Ratio Lower Upper

266 100

264 71.8 66.6 100.0

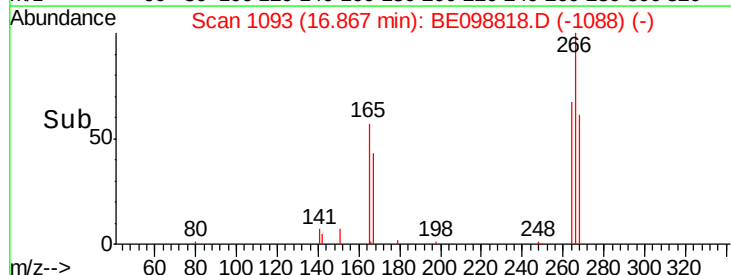
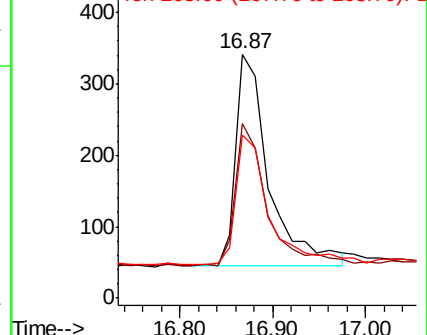
268 66.9 69.8 104.8#

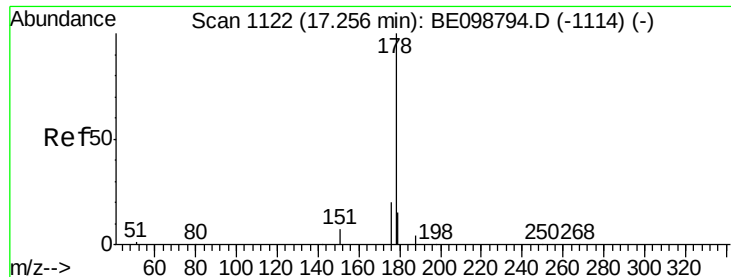


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

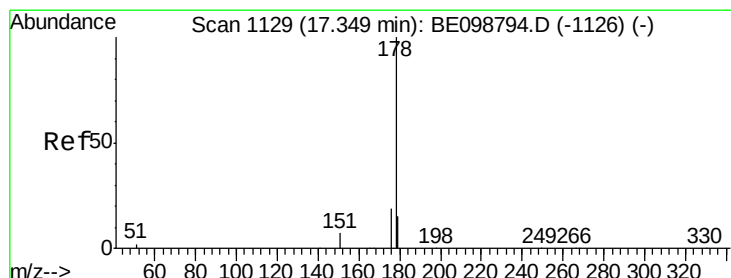
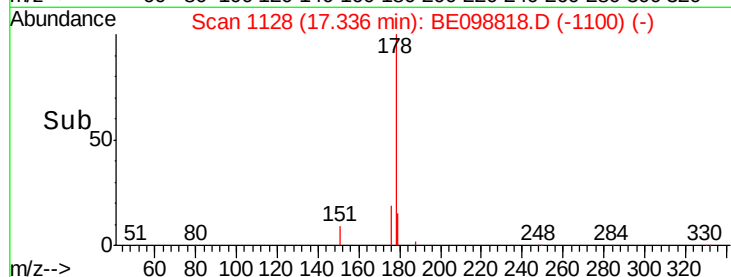
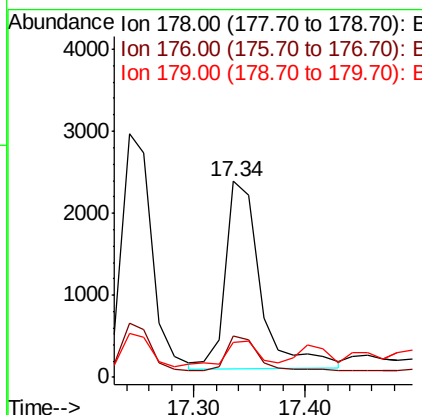
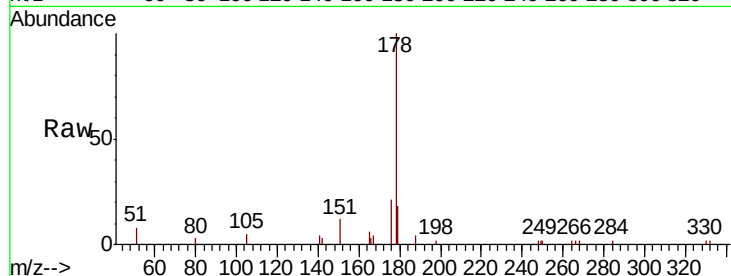




#23
Phenanthrene
Concen: 0.301 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.08 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

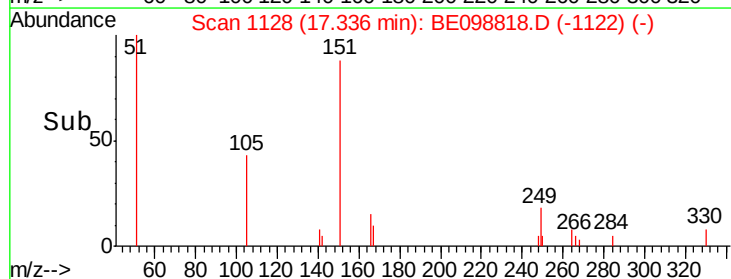
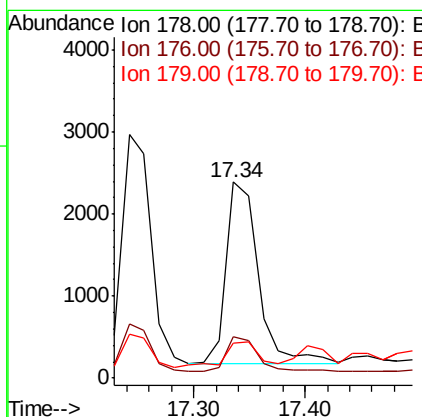
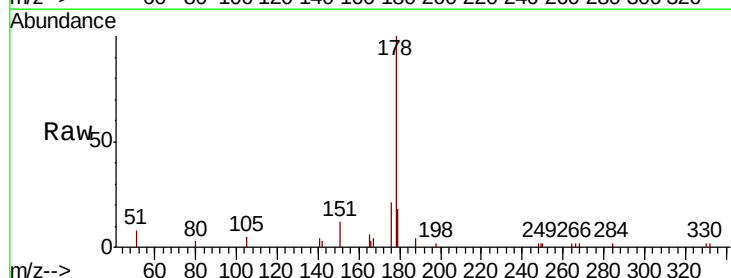
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

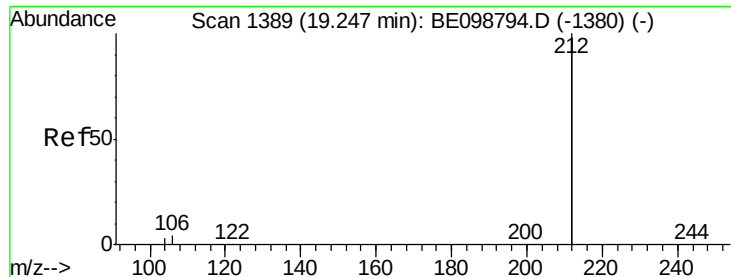
Tgt Ion:178 Resp: 5051
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 16.8 12.1 18.1



#24
Anthracene
Concen: 0.311 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:178 Resp: 4461
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.8 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

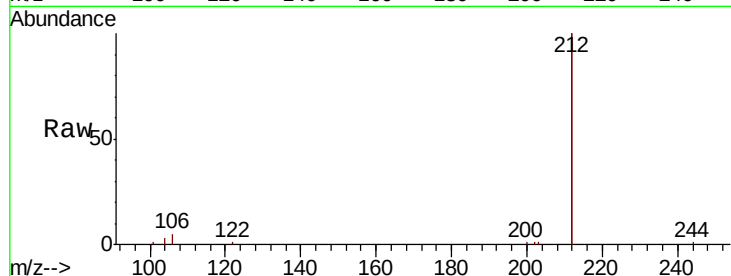
Tgt Ion:212 Resp: 30994

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

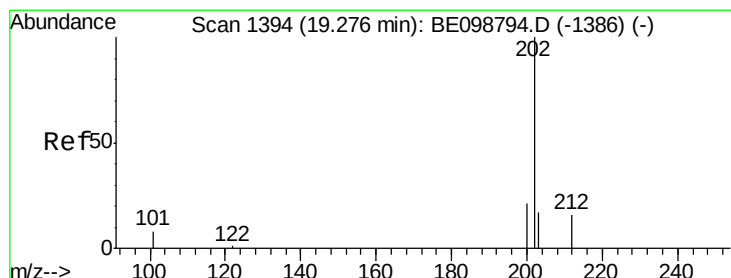
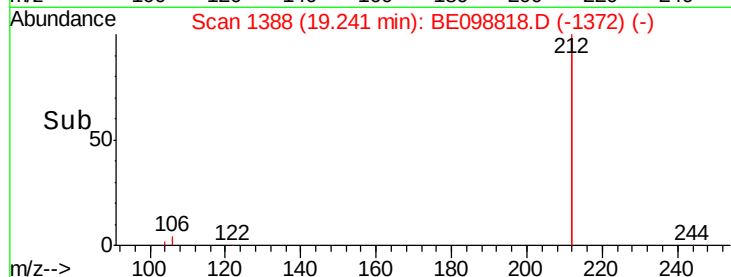
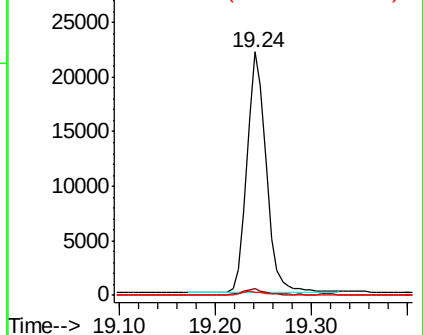
104 1.5 1.0 1.6



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: 0.311 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

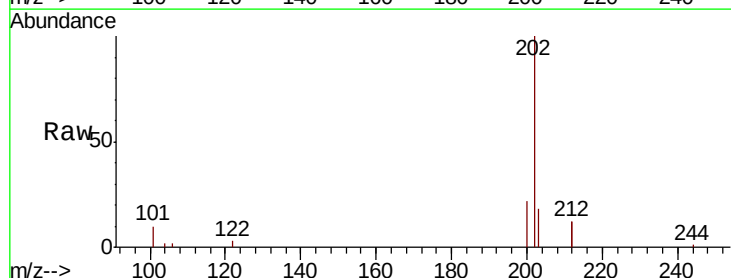
Tgt Ion:202 Resp: 7368

Ion Ratio Lower Upper

202 100

101 9.6 7.3 10.9

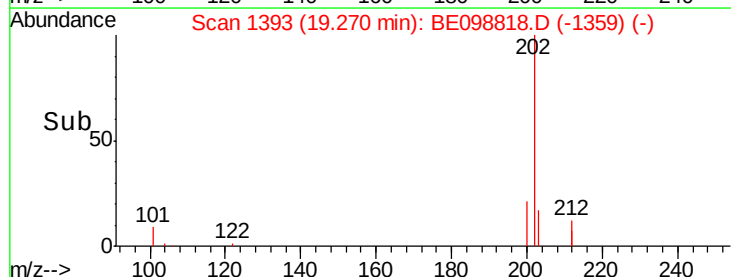
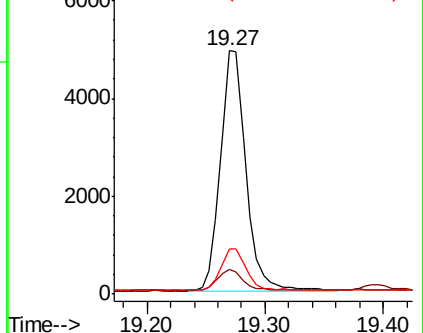
203 17.1 13.4 20.2

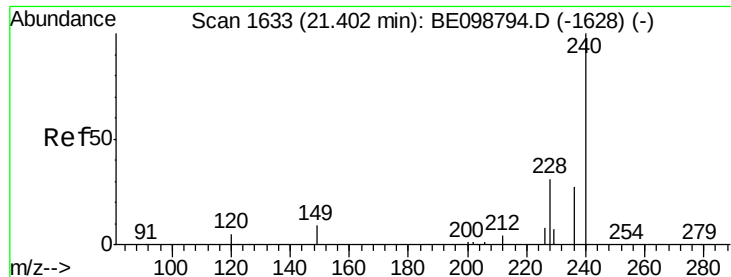


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

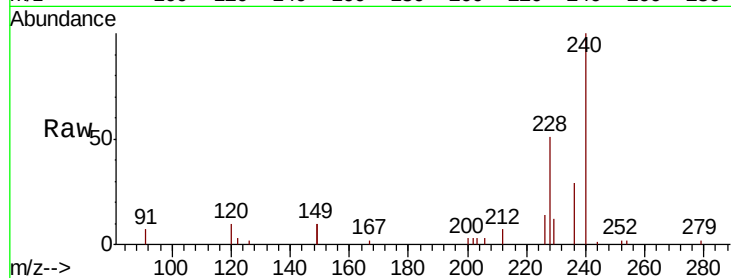
Tgt Ion:240 Resp: 7513

Ion Ratio Lower Upper

240 100

120 9.7 5.0 7.4#

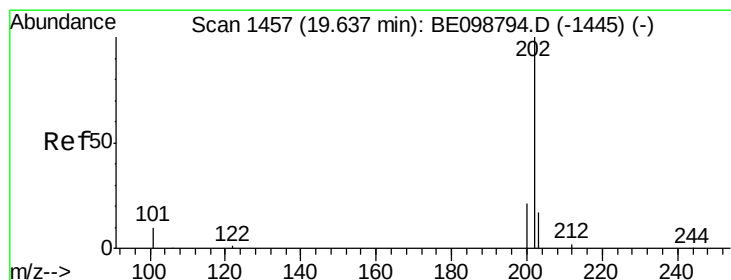
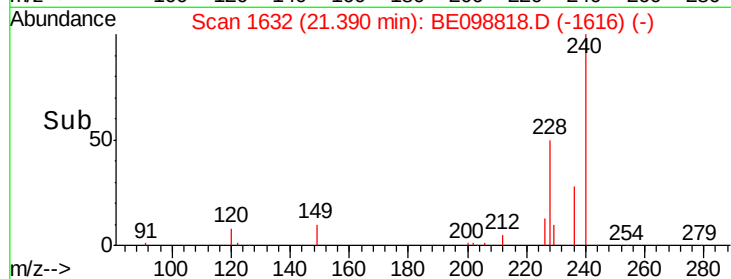
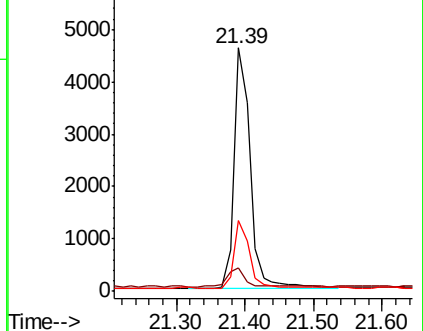
236 28.9 22.7 34.1



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: 0.337 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

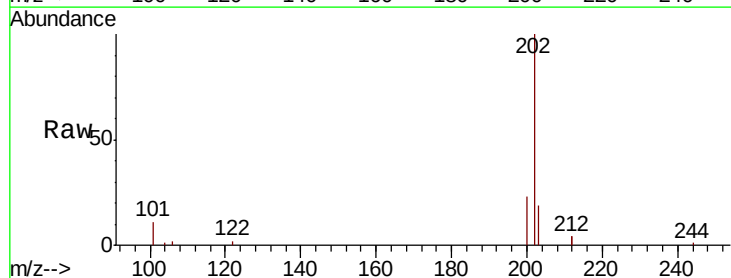
Tgt Ion:202 Resp: 7748

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

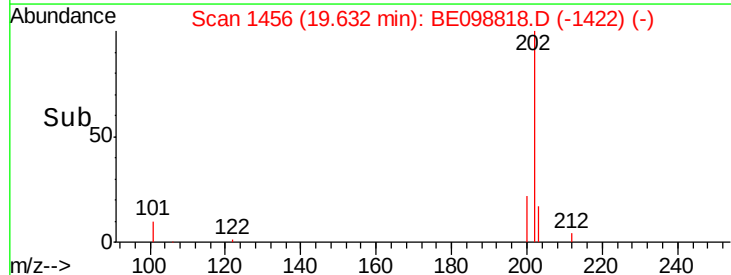
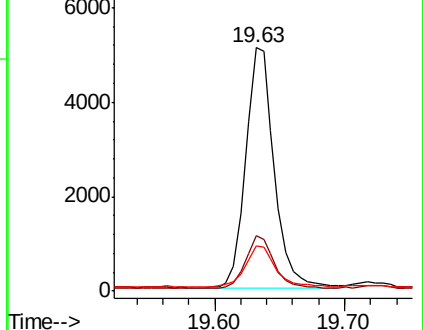
203 18.6 14.2 21.2

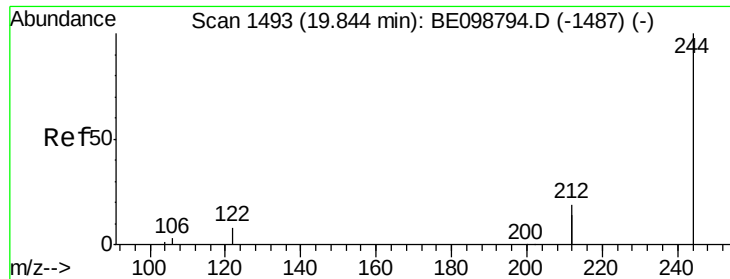


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

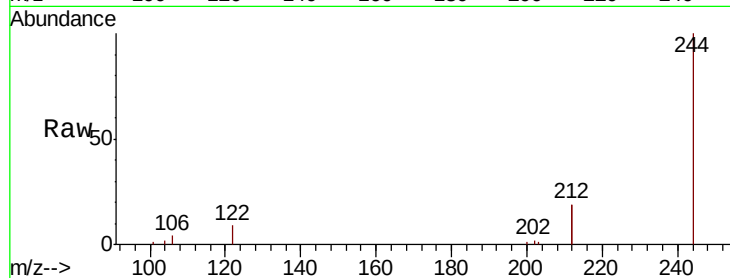
Tgt Ion:244 Resp: 8187

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

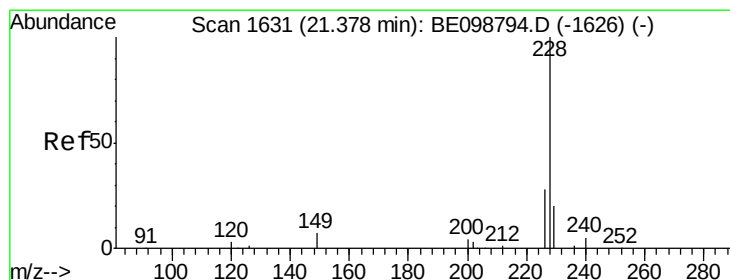
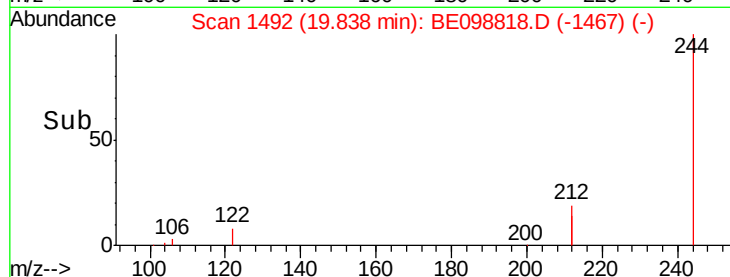
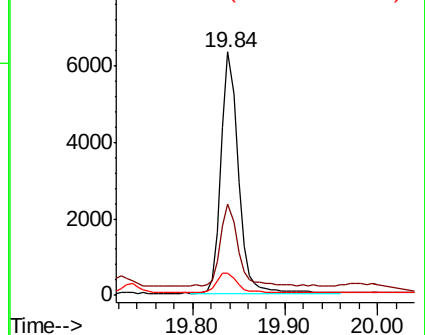
122 9.2 7.1 10.7



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: 0.309 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

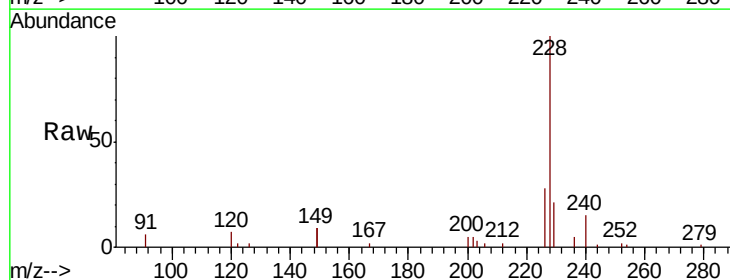
Tgt Ion:228 Resp: 7234

Ion Ratio Lower Upper

228 100

226 27.7 23.0 34.4

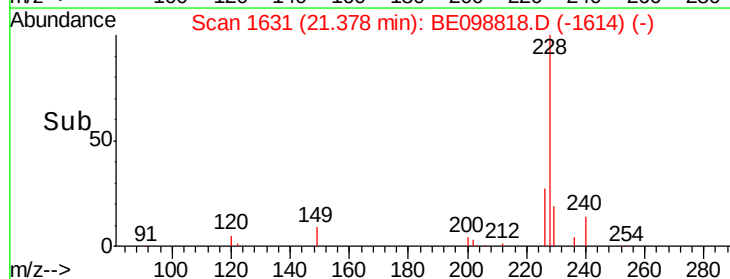
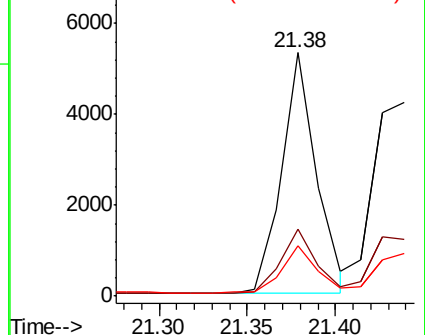
229 20.7 16.5 24.7

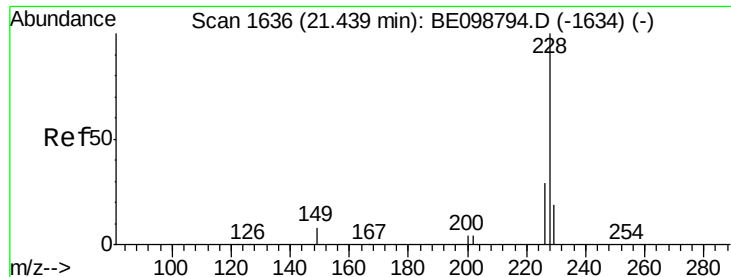


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.299 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

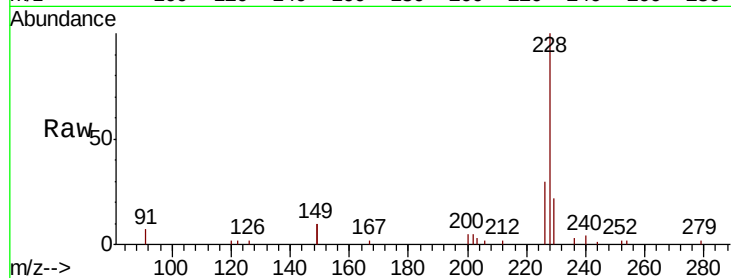
Tgt Ion:228 Resp: 7503

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

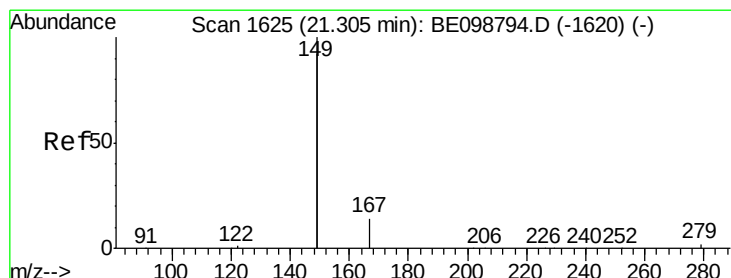
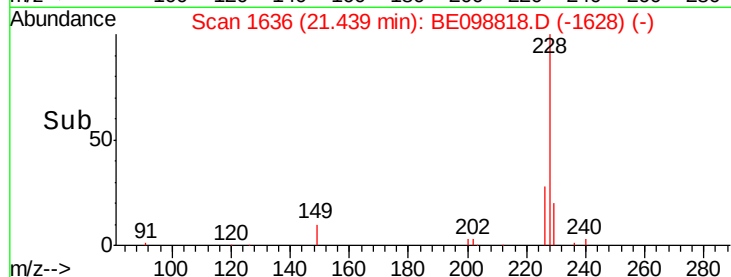
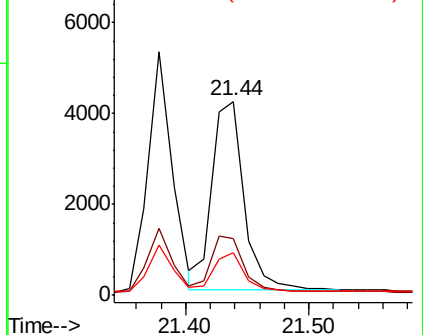
229 21.8 16.1 24.1



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: 0.450 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

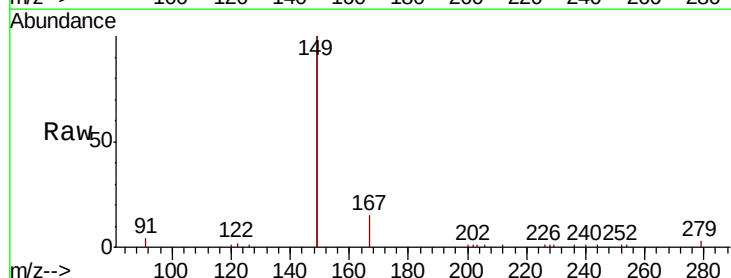
Tgt Ion:149 Resp: 22431

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

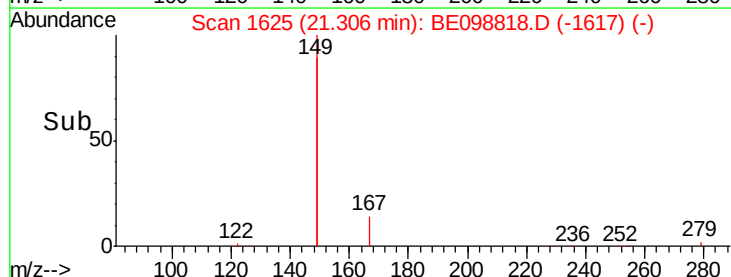
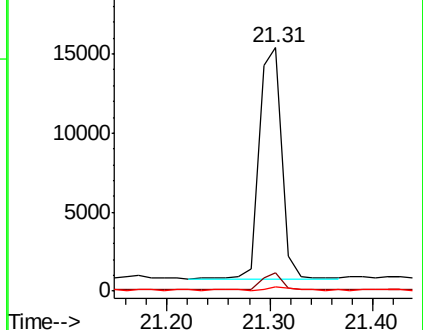
279 1.1 1.0 1.4

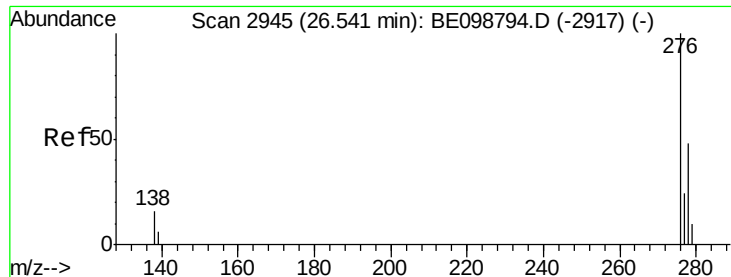


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.226 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

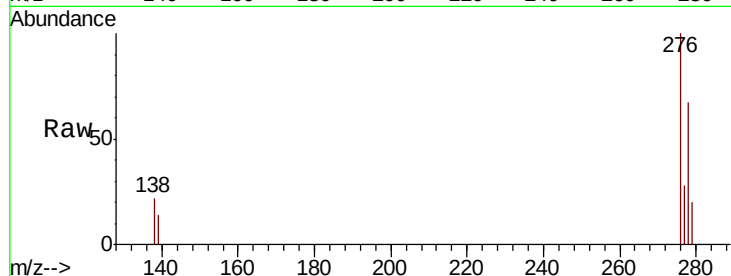
Tgt Ion:276 Resp: 5984

Ion Ratio Lower Upper

276 100

138 18.6 13.8 20.8

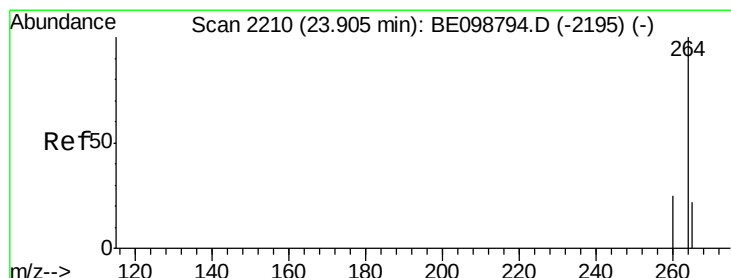
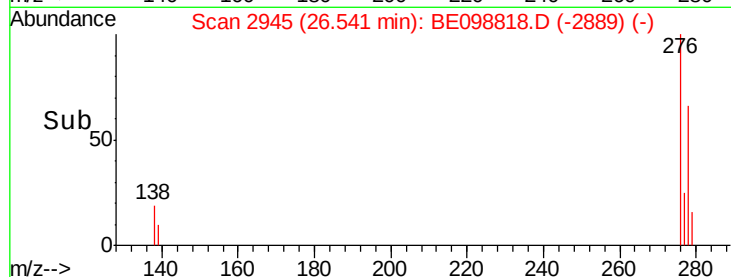
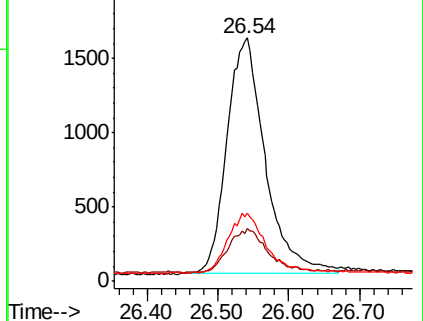
277 24.2 19.5 29.3



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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

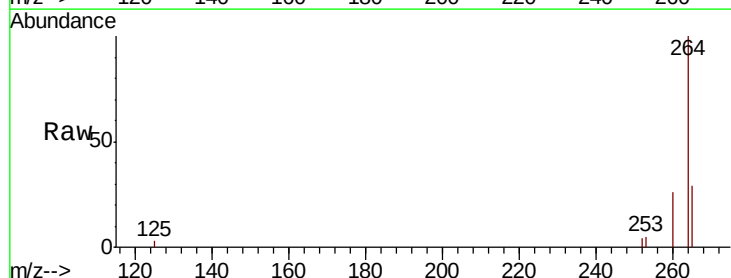
Tgt Ion:264 Resp: 7393

Ion Ratio Lower Upper

264 100

260 25.8 21.2 31.8

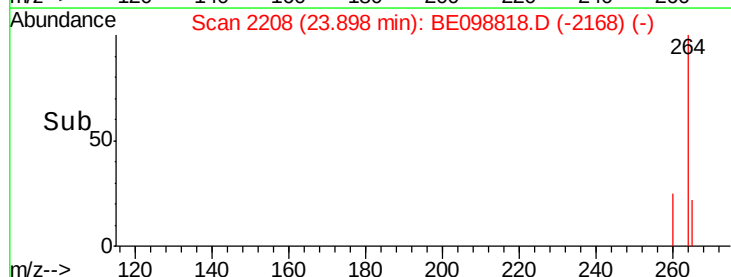
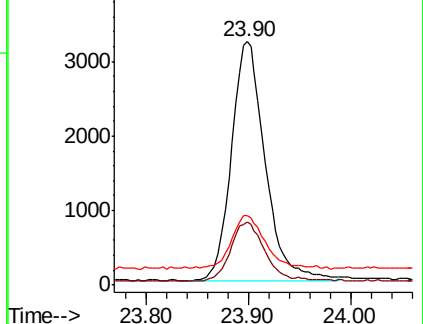
265 28.6 24.6 36.8

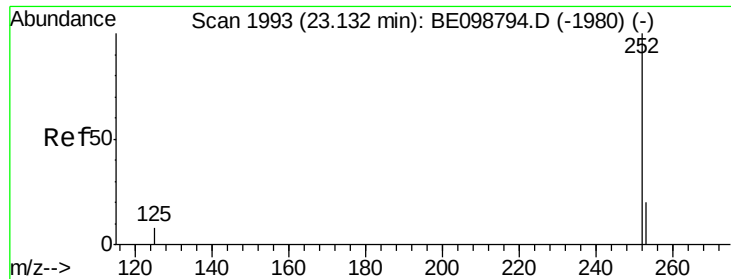


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

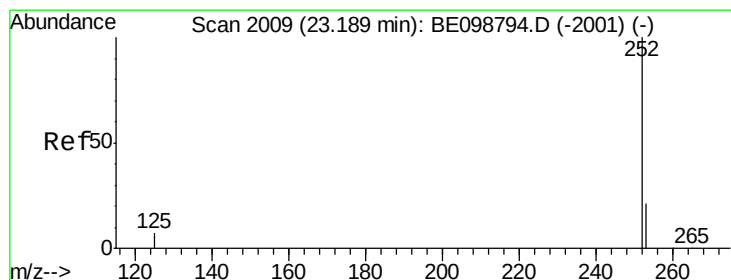
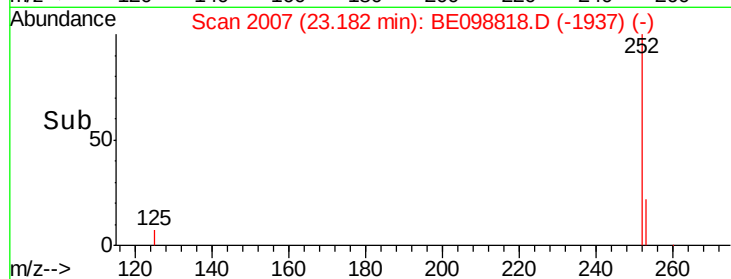
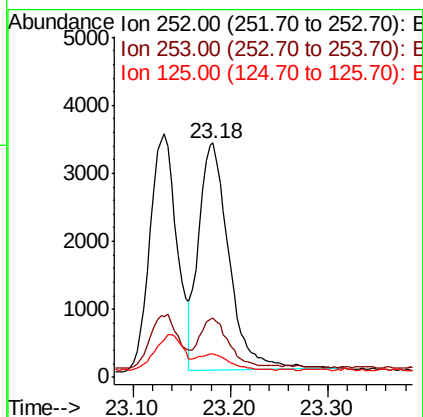
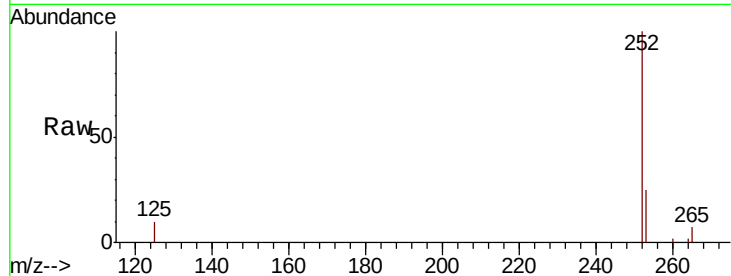




#35
Benzo(b)fluoranthene
Concen: 0.296 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

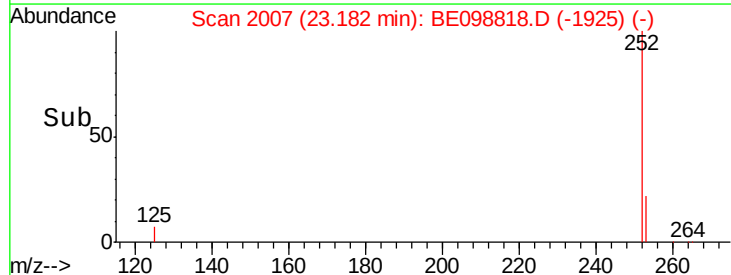
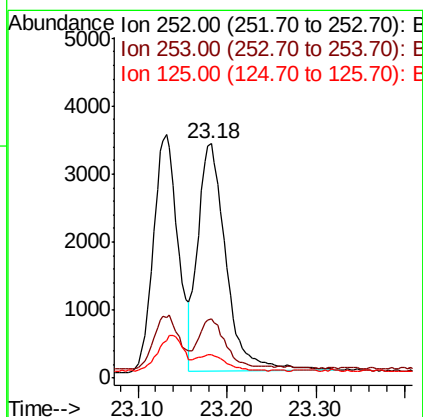
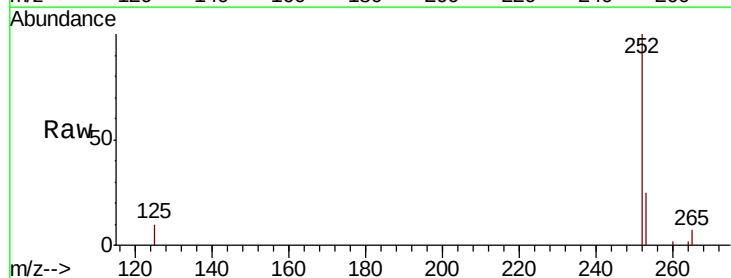
Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

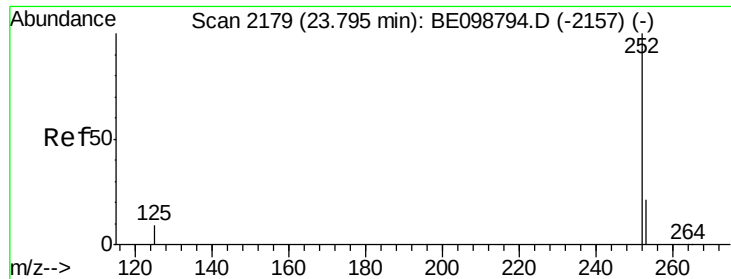
Tgt Ion:252 Resp: 7202
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.2
125 10.0 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.286 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:252 Resp: 7287
Ion Ratio Lower Upper
252 100
253 25.3 19.3 28.9
125 10.0 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.238 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS

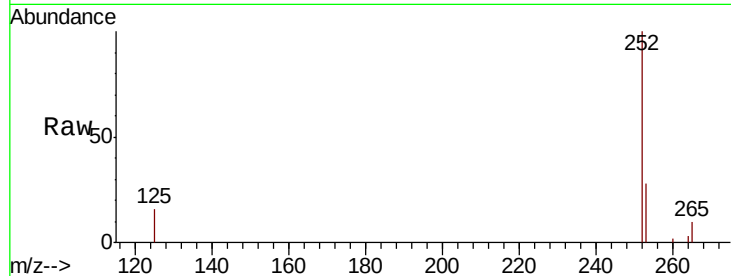
Tgt Ion:252 Resp: 5546

Ion Ratio Lower Upper

252 100

253 27.6 19.9 29.9

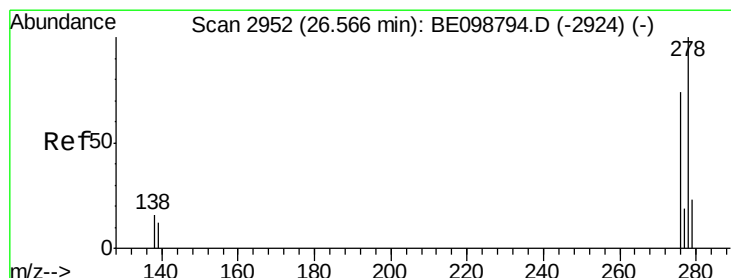
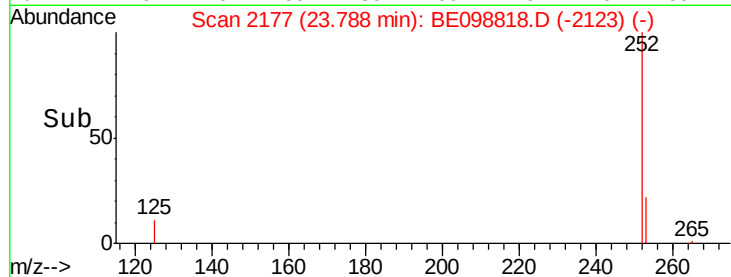
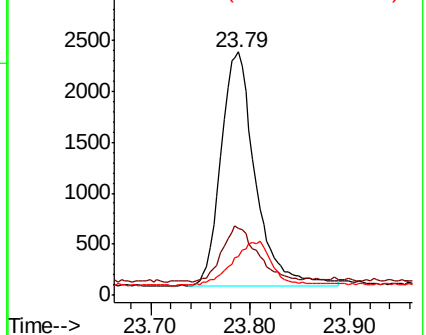
125 15.9 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.225 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE098818.D

Acq: 7 Mar 2019 13:47

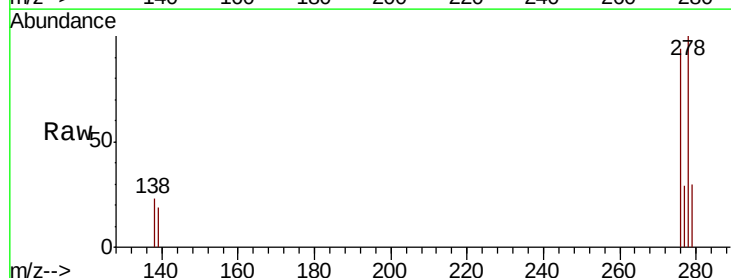
Tgt Ion:278 Resp: 4964

Ion Ratio Lower Upper

278 100

139 19.0 11.8 17.6#

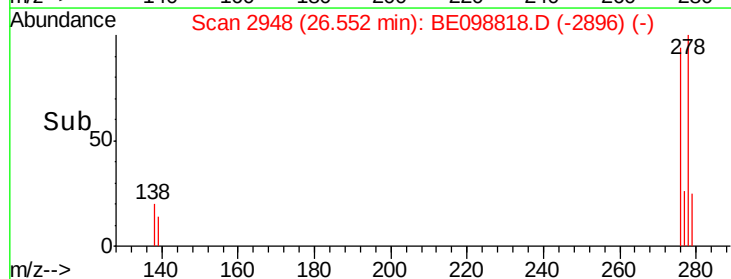
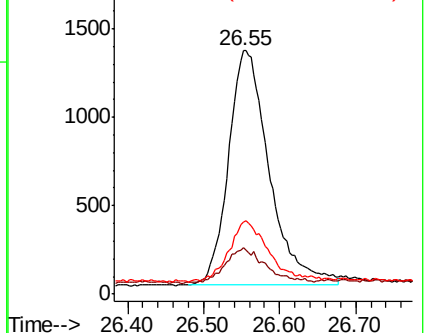
279 29.7 21.1 31.7

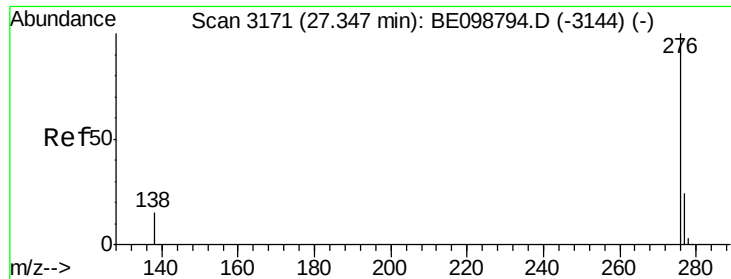


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.200 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE098818.D

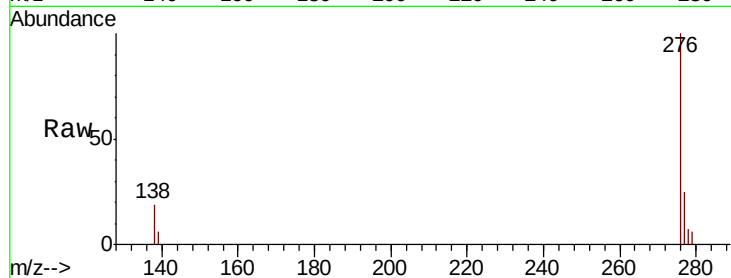
Acq: 7 Mar 2019 13:47

Instrument :

BNA_E

ClientSampleId :

A0C1-TWPMS



Tgt Ion: 276 Resp: 4614

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 18.9 13.6 20.4

