

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098671.D
 Acq On : 18 Jan 2019 18:53
 Operator : SJ/JU
 Sample : K1136-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-103

Quant Time: Jan 18 21:29:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

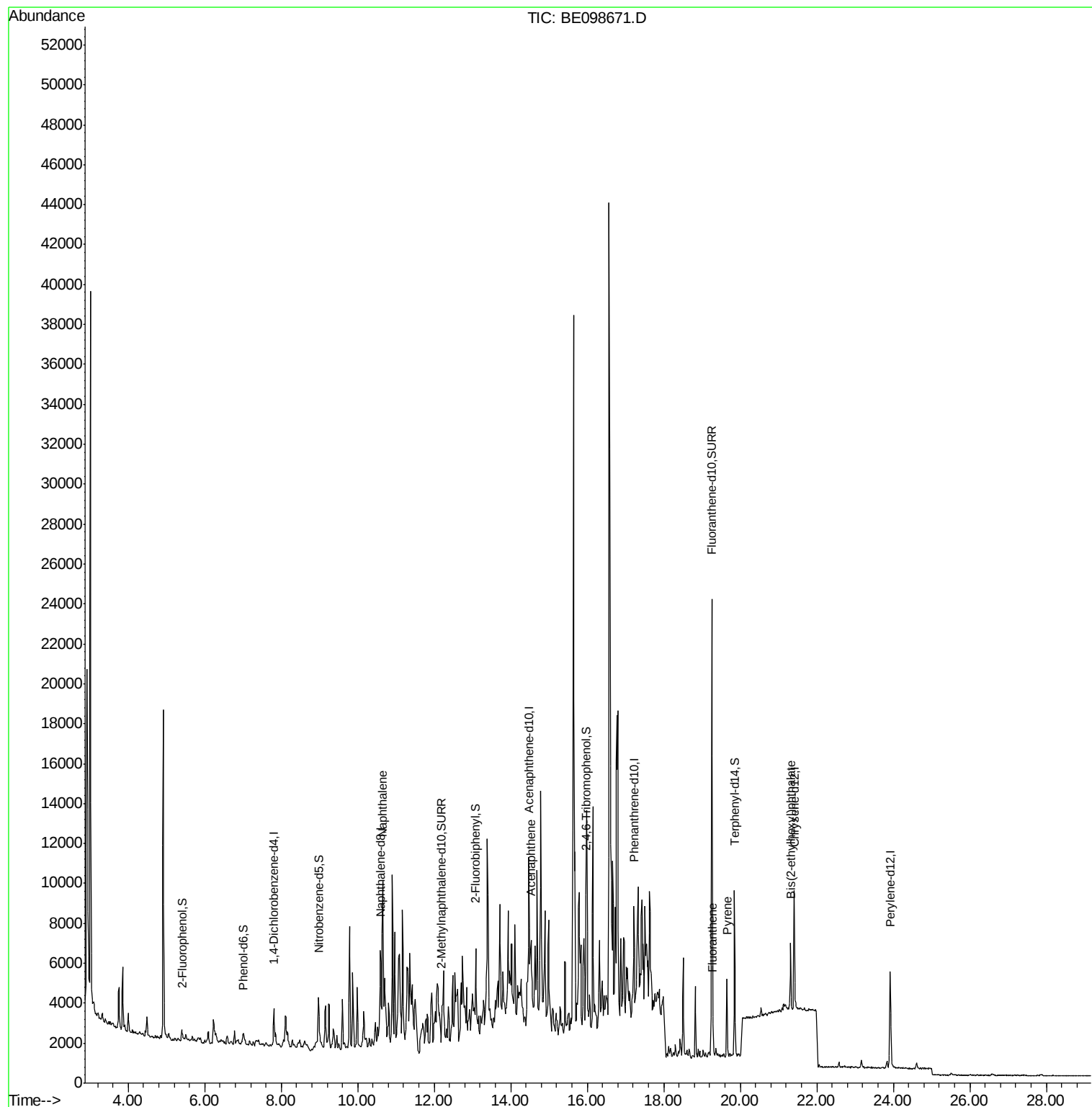
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	979	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4110	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3037	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6406	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	7596	0.40	ng	0.00
34) Perylene-d12	23.92	264	7353	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	406	0.16	ng	0.01
5) Phenol-d6	7.00	99	361	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1220	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2719	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	609	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4432	0.36	ng	0.00
25) Fluoranthene-d10	19.25	212	32381	0.41	ng	0.00
29) Terphenyl-d14	19.85	244	7339	0.44	ng	0.00
Target Compounds						
9) Naphthalene	10.65	128	10880	0.266	ng	# 63
17) Acenaphthene	14.53	154	728	0.088	ng	# 72
26) Fluoranthene	19.29	202	1246	0.064	ng	95
28) Pyrene	19.65	202	3683	0.176	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.32	149	4066	0.094	ng	# 97

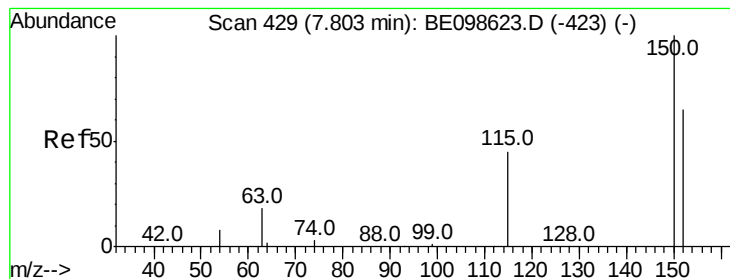
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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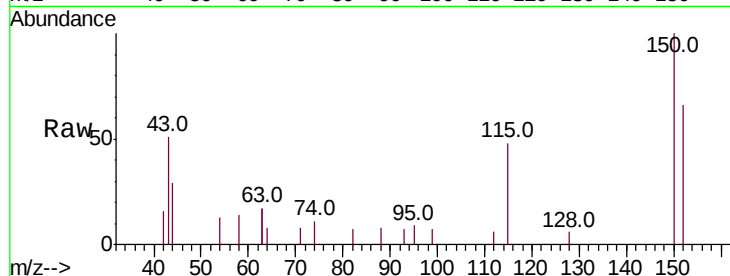


#1

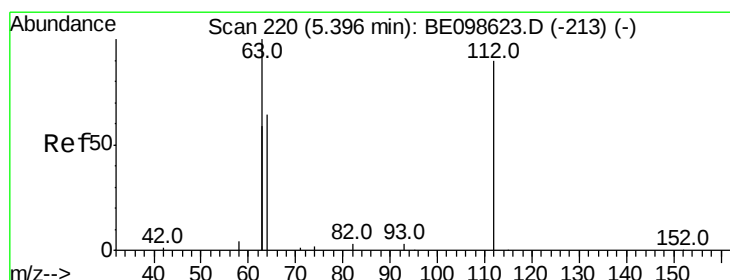
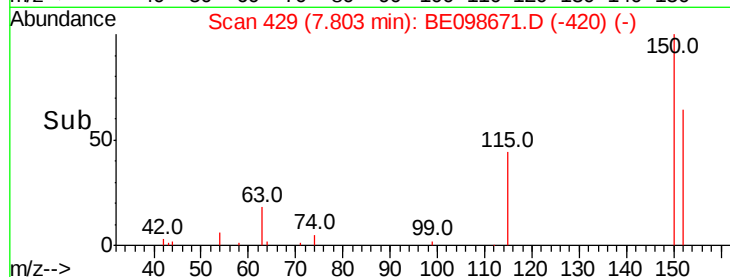
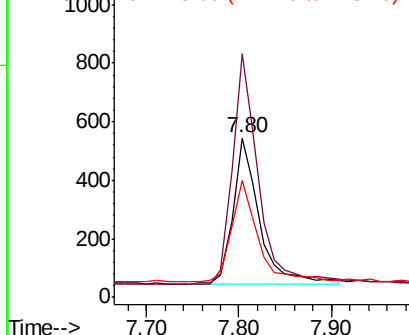
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Instrument :
BNA_E
ClientSampled :
MW-103

Tot Ion:152 Resp: 979
Ion Ratio Lower Upper
152 100
150 152.4 121.4 182.2
115 73.1 59.1 88.7



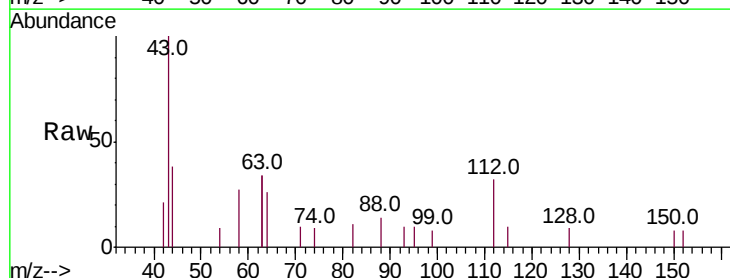
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



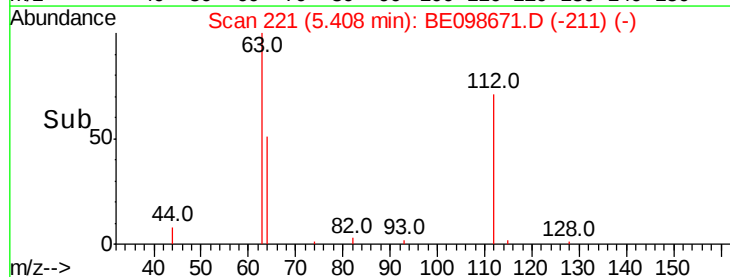
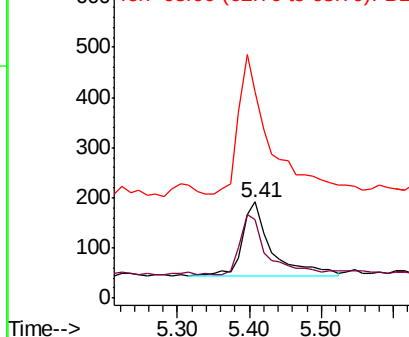
#4

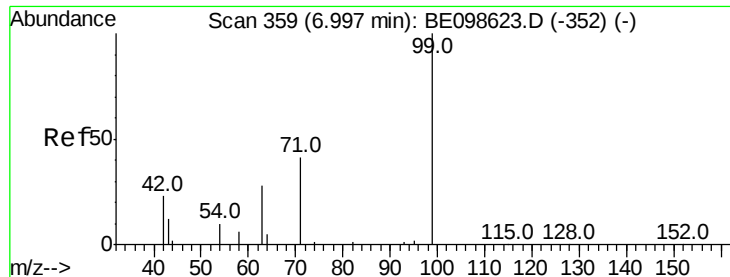
2-Fluorophenol
Concen: 0.155 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098671.D
Acq: 18 Jan 2019 18:53

Tgt Ion:112 Resp: 406
Ion Ratio Lower Upper
112 100
64 76.8 62.9 94.3
63 210.1 152.2 228.4



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: 0.097 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

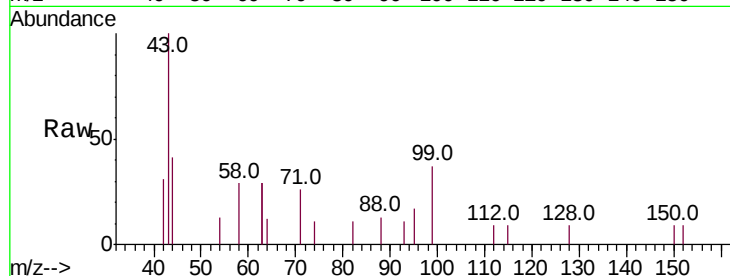
Tot Ion: 99 Resp: 361

Ion Ratio Lower Upper

99 100

42 68.4 24.6 37.0#

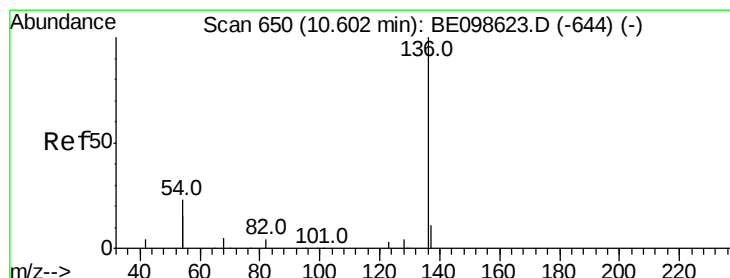
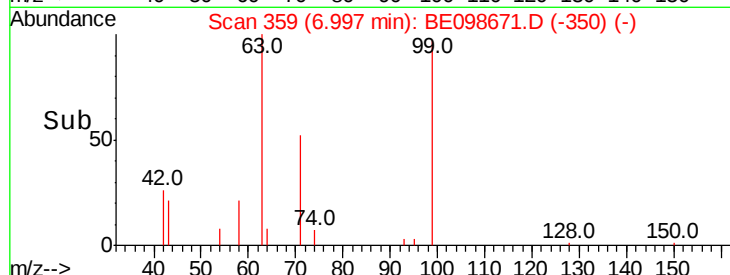
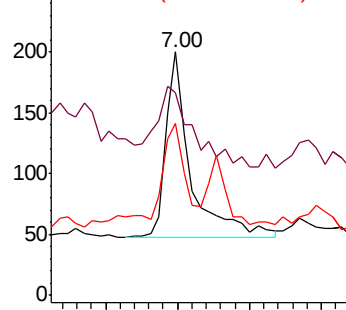
71 39.9 35.1 52.7



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Tgt Ion:136 Resp: 4110

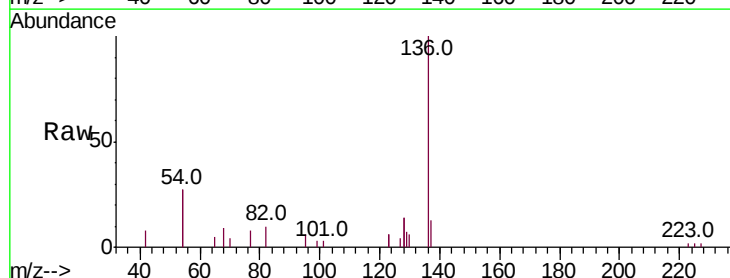
Ion Ratio Lower Upper

136 100

137 12.9 9.7 14.5

54 53.0 35.5 53.3

68 8.9 5.0 7.6#

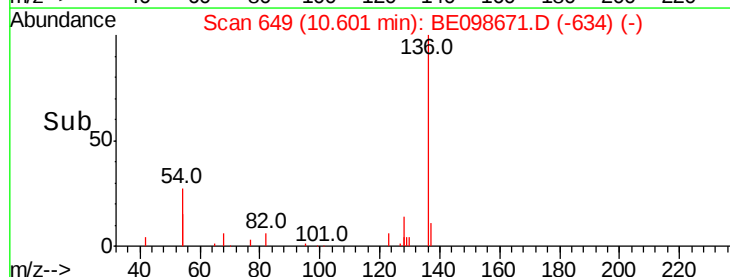
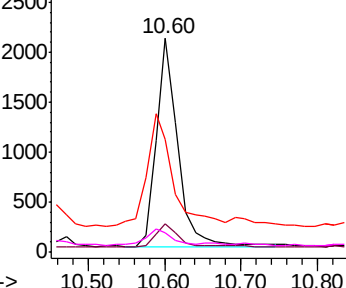


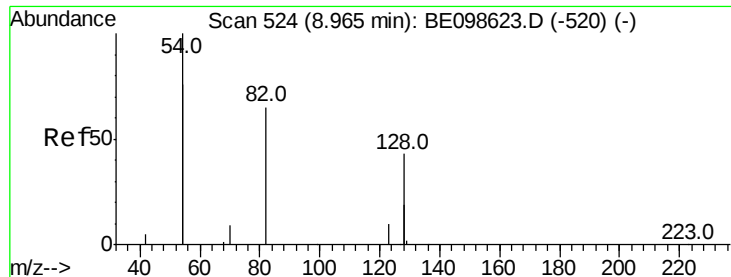
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

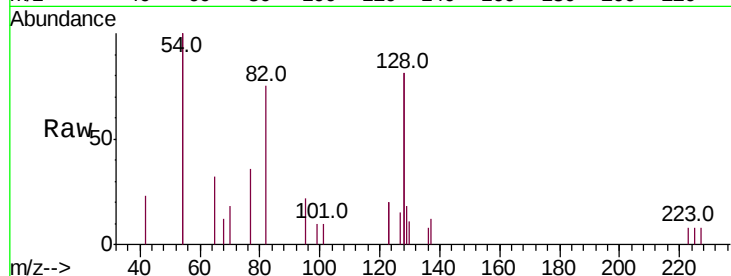
Tot Ion: 82 Resp: 1220

Ion Ratio Lower Upper

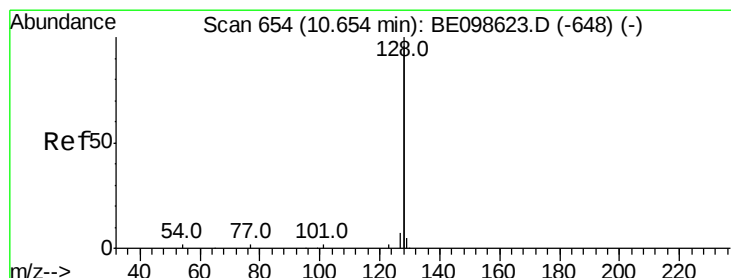
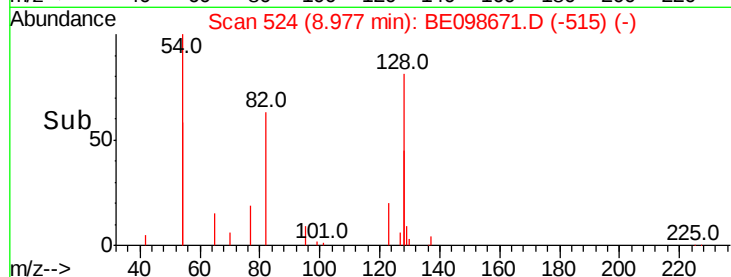
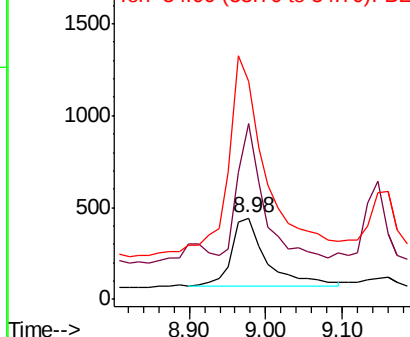
82 100

128 216.2 96.5 144.7#

54 266.7 224.7 337.1



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: 0.266 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

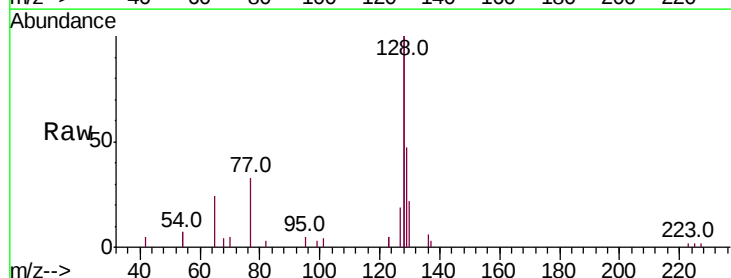
Tgt Ion:128 Resp: 10880

Ion Ratio Lower Upper

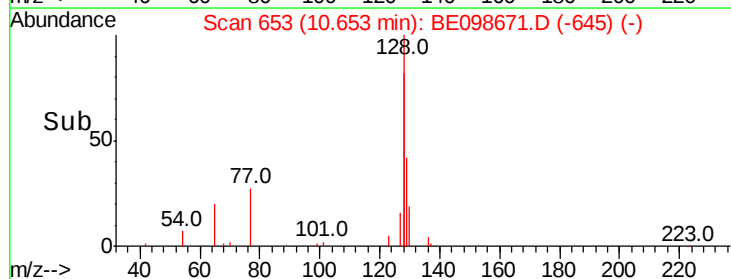
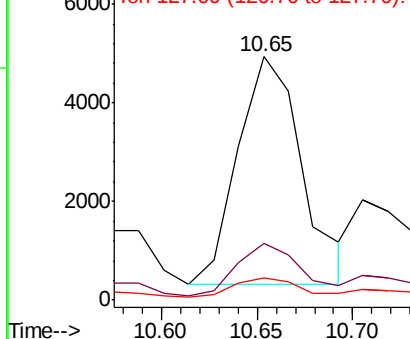
128 100

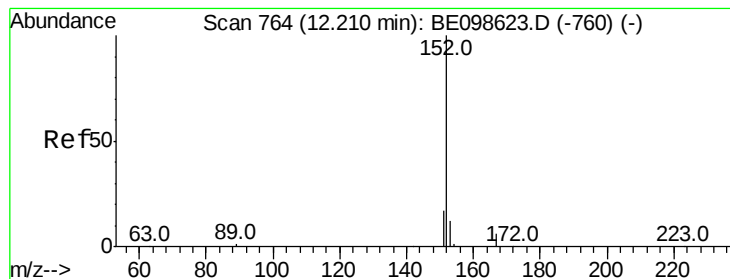
129 23.4 2.6 3.8#

127 9.3 3.0 4.6#



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





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

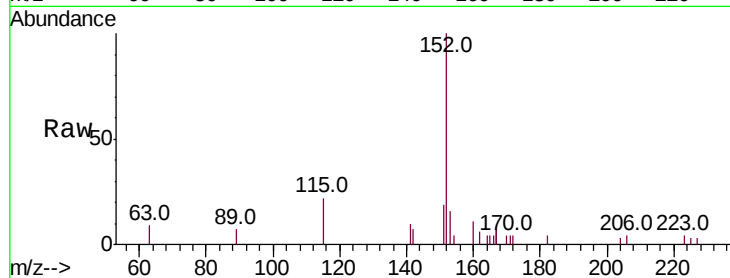
MW-103

Tot Ion:152 Resp: 2719

Ion Ratio Lower Upper

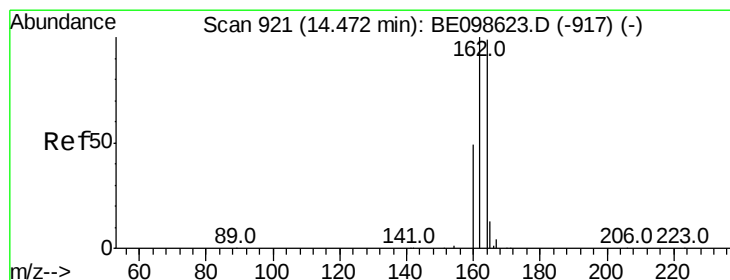
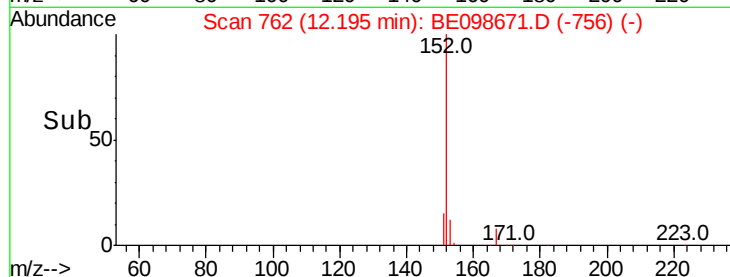
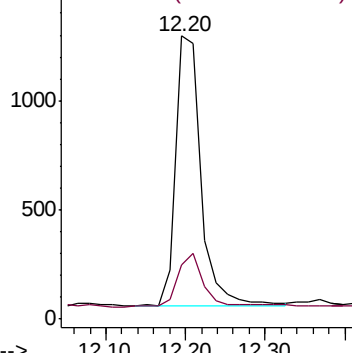
152 100

151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

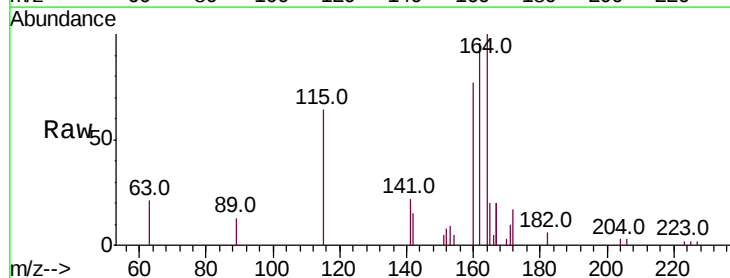
Tgt Ion:164 Resp: 3037

Ion Ratio Lower Upper

164 100

162 96.3 80.5 120.7

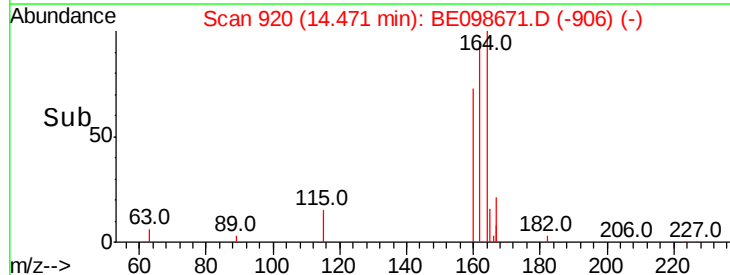
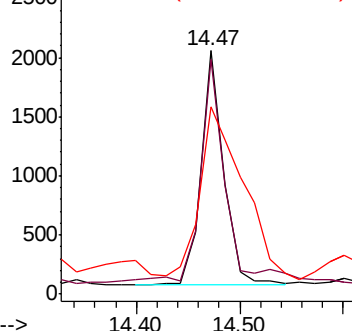
160 77.0 40.1 60.1#

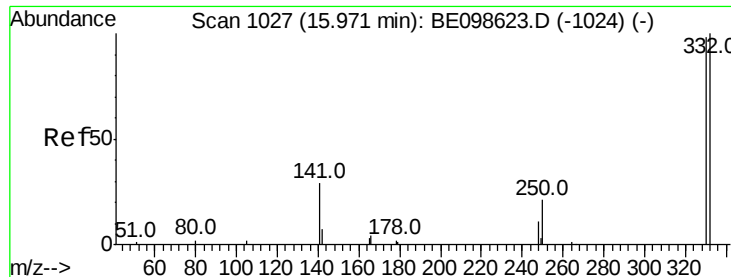


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.461 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampled :

MW-103

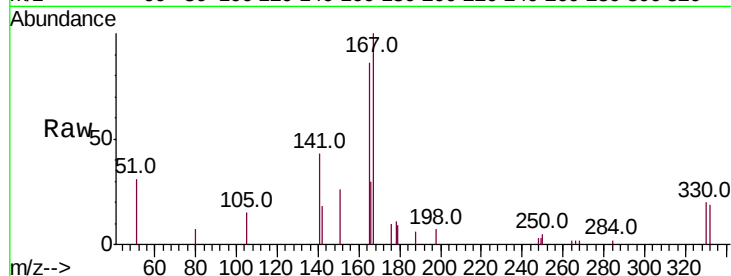
Tot Ion:330 Resp: 609

Ion Ratio Lower Upper

330 100

332 98.2 73.3 109.9

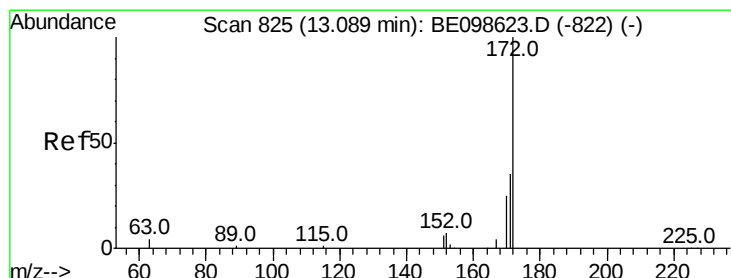
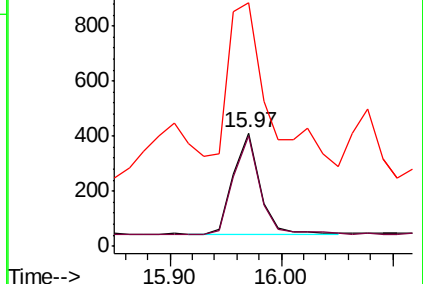
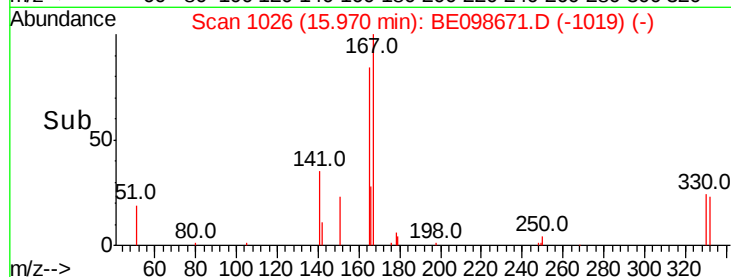
141 242.9 33.1 49.7#



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: 0.356 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

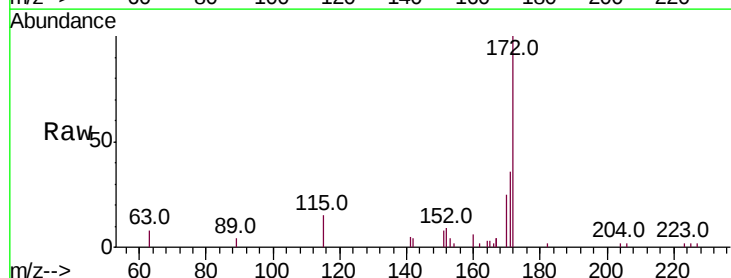
Tgt Ion:172 Resp: 4432

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

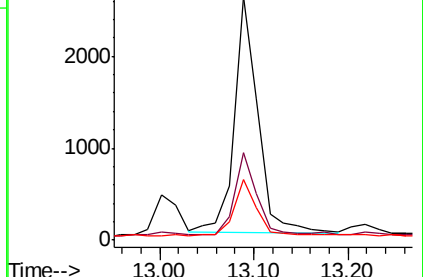
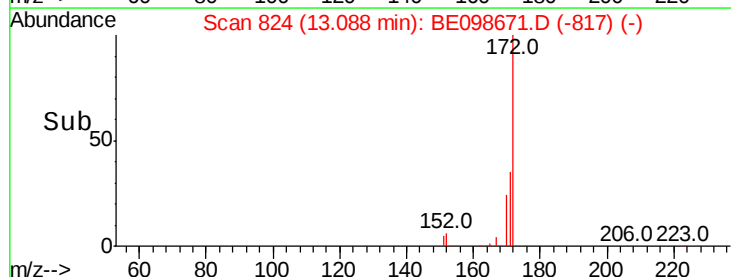
170 24.6 20.8 31.2

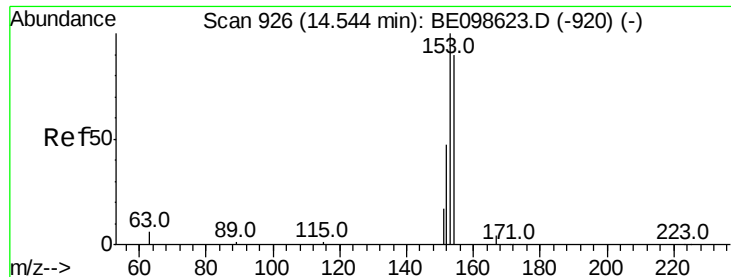


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#17

Acenaphthene

Concen: 0.088 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

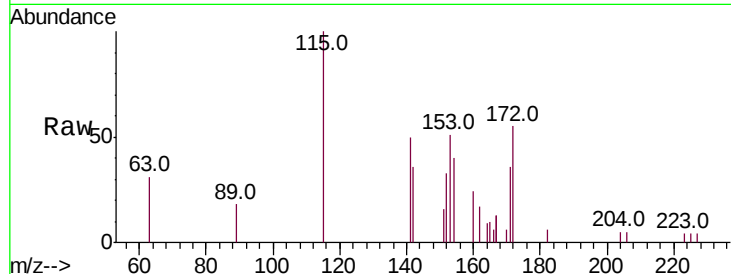
Tot Ion:154 Resp: 728

Ion Ratio Lower Upper

154 100

153 142.4 93.9 140.9#

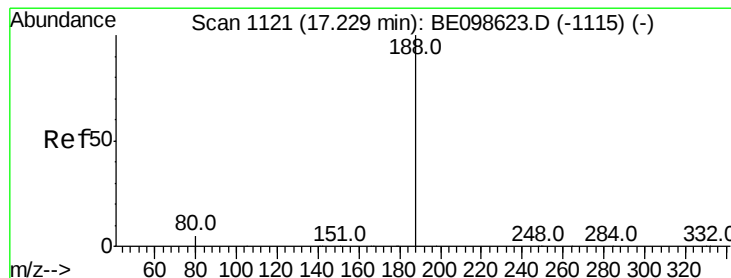
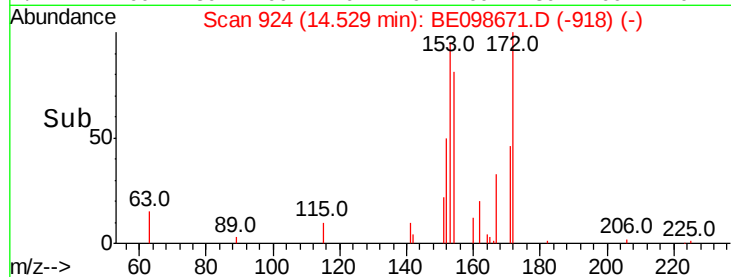
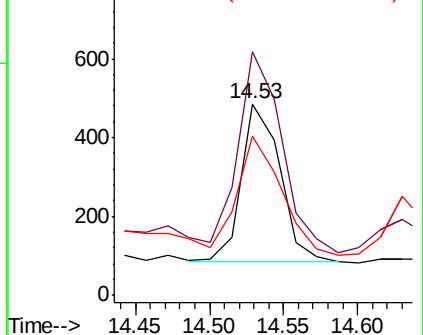
152 85.4 45.8 68.8#



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

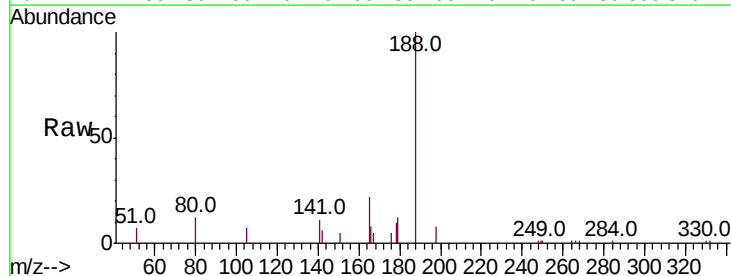
Tgt Ion:188 Resp: 6406

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

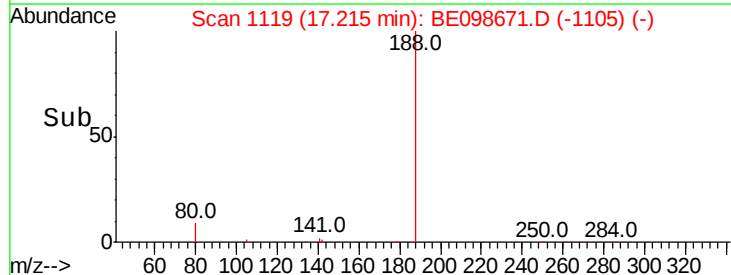
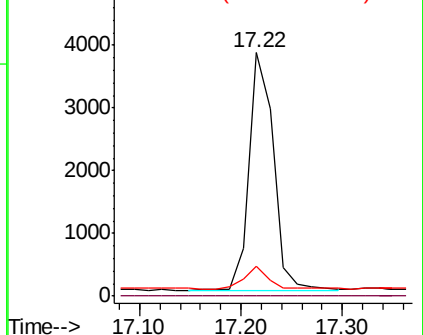
80 12.0 4.7 7.1#

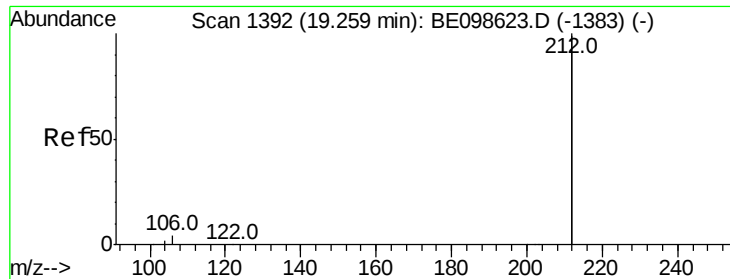


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

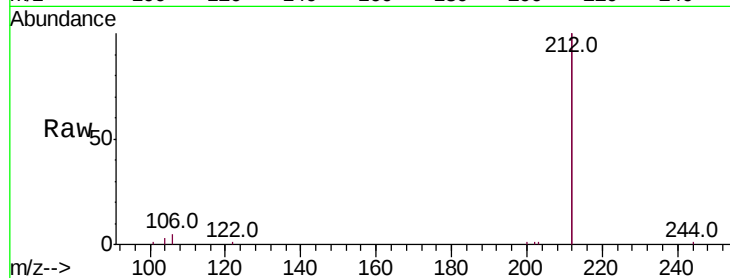
Tot Ion:212 Resp: 32381

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

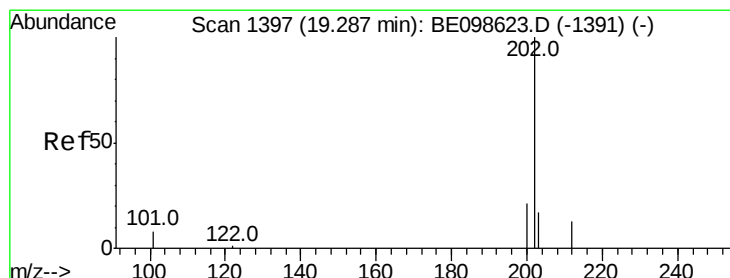
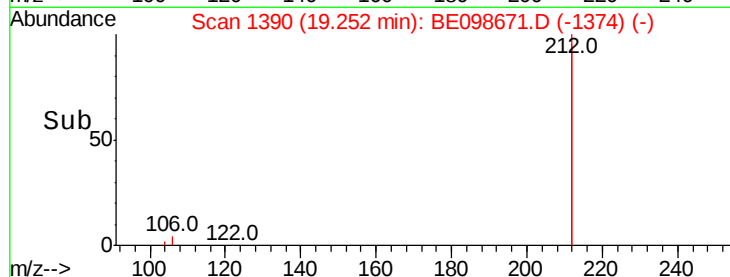
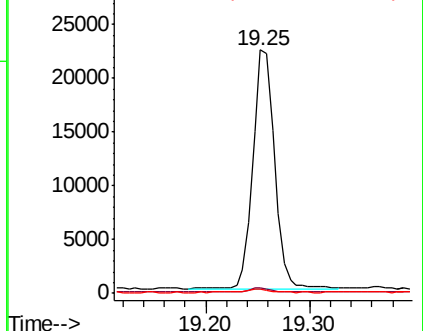
104 1.3 1.0 1.6



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: 0.064 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

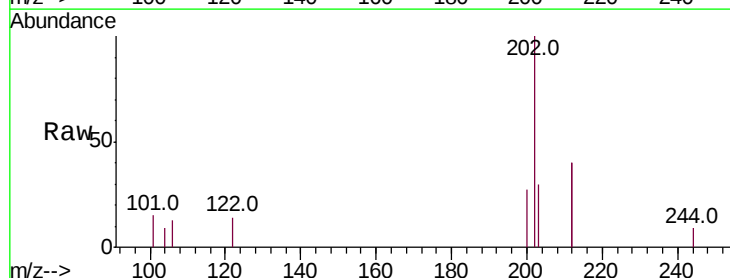
Tgt Ion:202 Resp: 1246

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

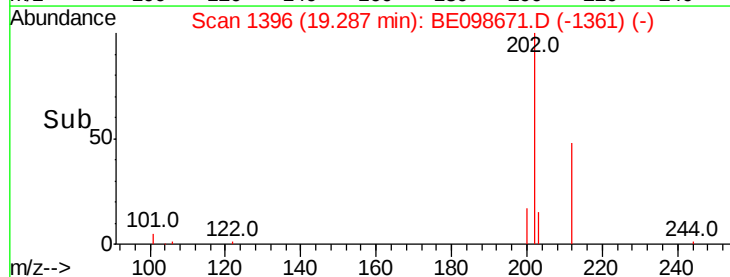
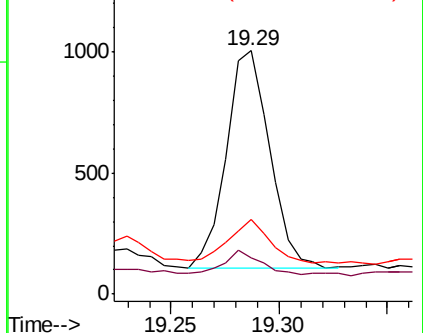
203 19.6 13.3 19.9

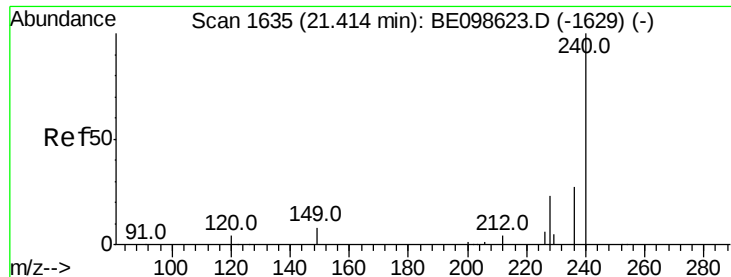


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

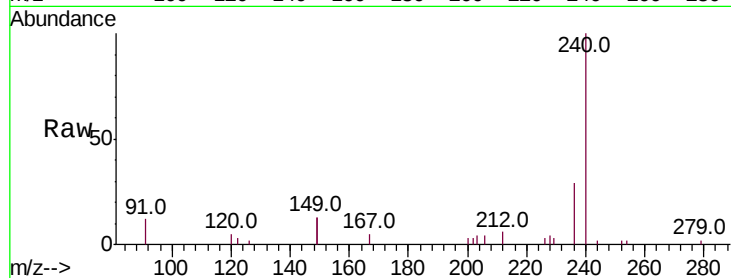
Tot Ion:240 Resp: 7596

Ion Ratio Lower Upper

240 100

120 5.3 4.7 7.1

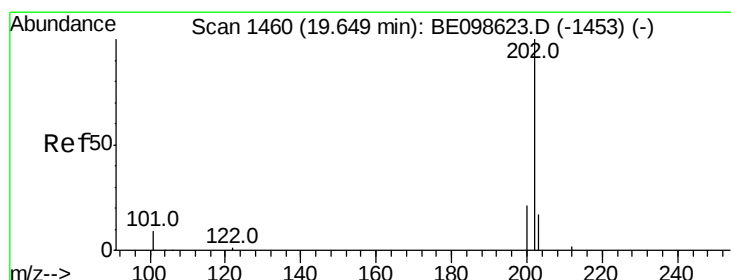
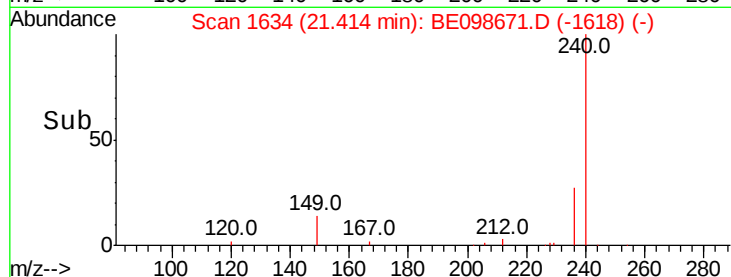
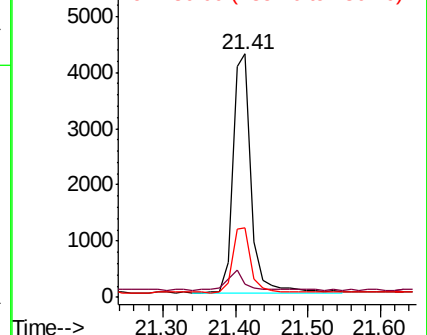
236 28.7 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.176 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

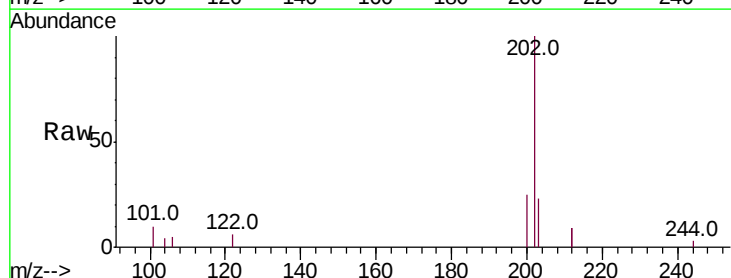
Tgt Ion:202 Resp: 3683

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

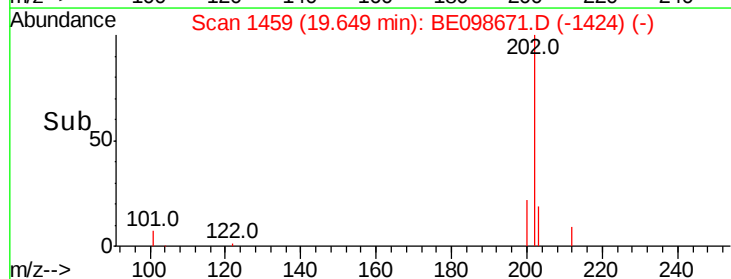
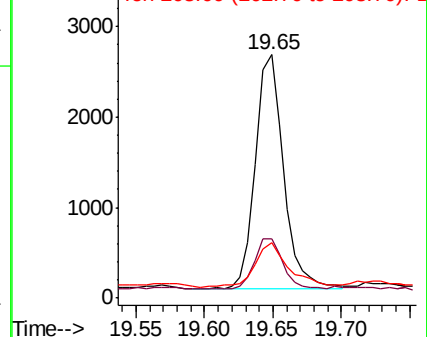
203 22.6 13.8 20.8#

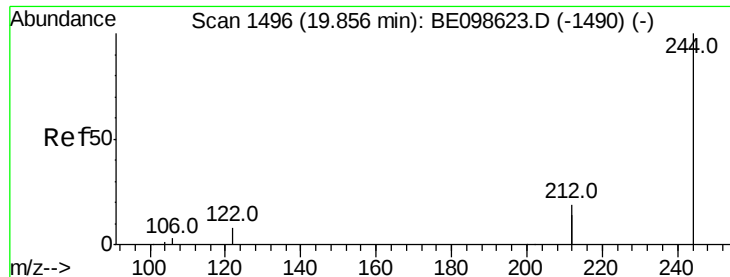


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

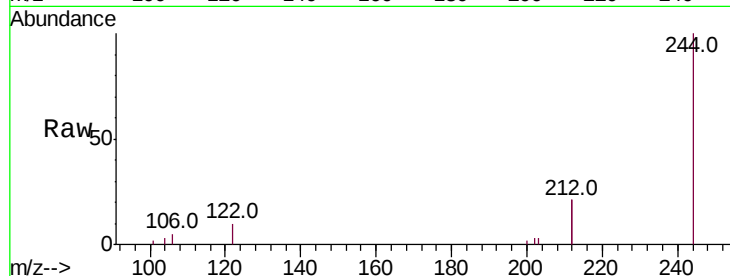
Tot Ion:244 Resp: 7339

Ion Ratio Lower Upper

244 100

212 42.6 29.4 44.2

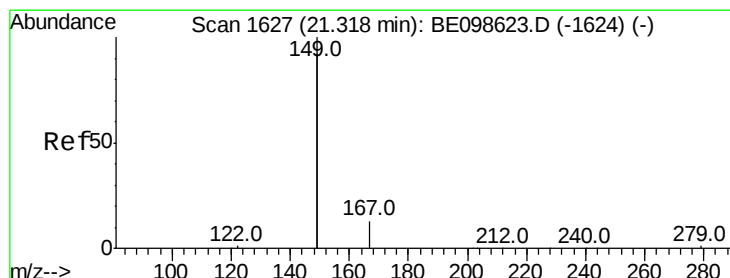
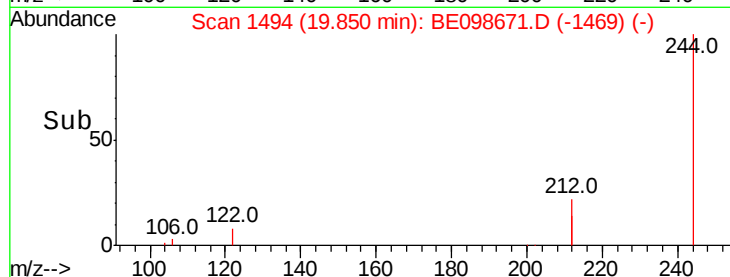
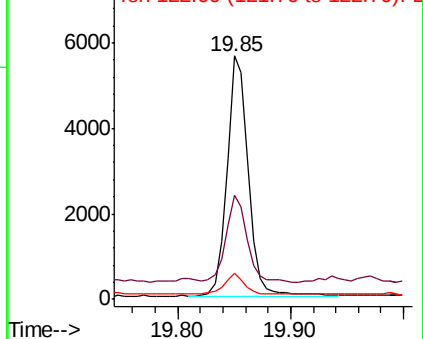
122 10.4 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

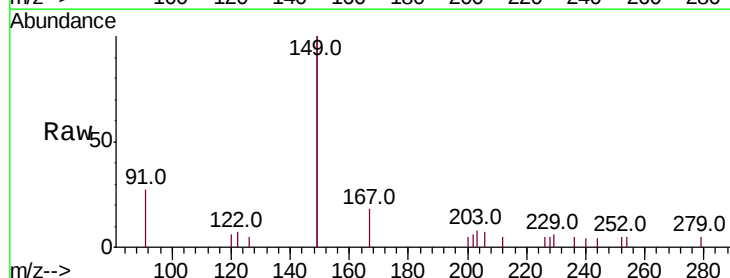
Tgt Ion:149 Resp: 4066

Ion Ratio Lower Upper

149 100

167 8.1 5.4 8.2

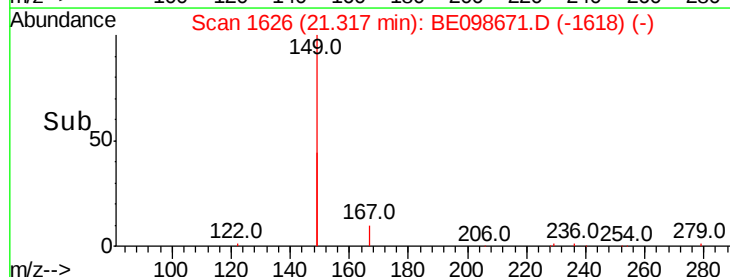
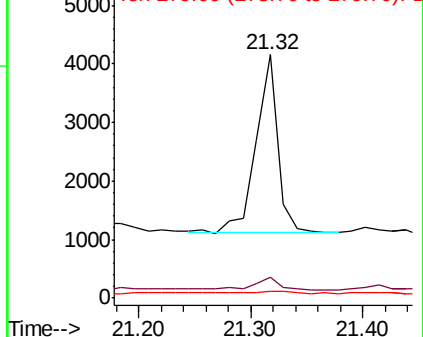
279 1.6 1.0 1.4#

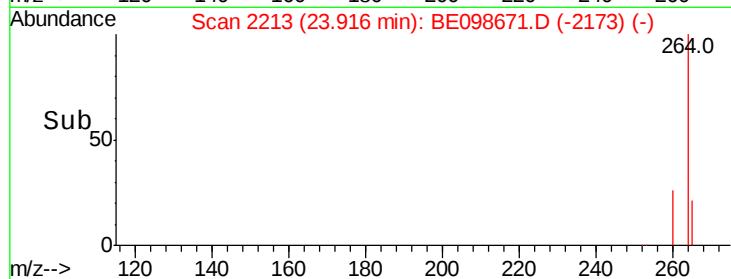
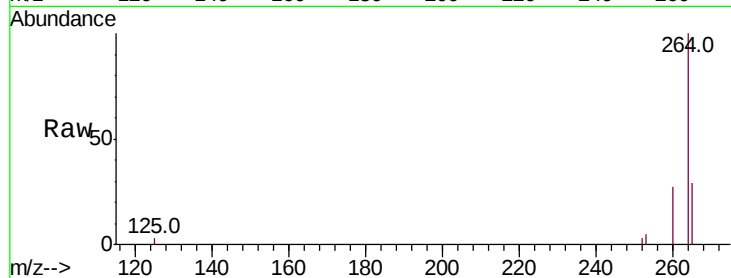
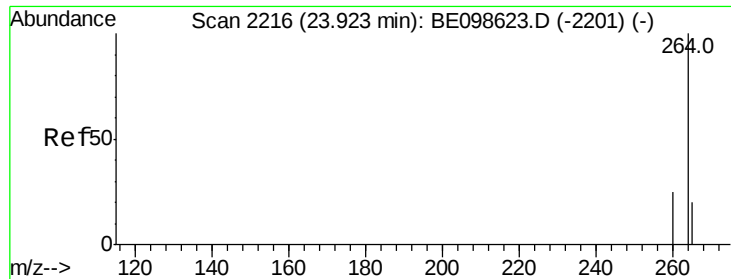


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BE098671.D

Acq: 18 Jan 2019 18:53

Instrument :

BNA_E

ClientSampleId :

MW-103

Tot Ion:264 Resp: 7353

Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 28.6 22.3 33.5

