

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099570.D
 Acq On : 7 May 2019 17:59
 Operator : JU/SJ
 Sample : K2707-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-GW-20190502

Quant Time: May 08 01:37:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	28	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	26	0.40	ng	0.01
19) Phenanthrene-d10	17.26	188	8	0.40	ng	0.01
27) Chrysene-d12	21.41	240	81	0.40	ng	-0.01
34) Perylene-d12	23.96	264	3	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	17	0.88	ng	-0.04
5) Phenol-d6	7.03	99	22	0.86	ng	0.05
8) Nitrobenzene-d5	8.98	82	19	0.70	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	7	0.14	ng	-0.03
14) 2,4,6-Tribromophenol	15.97	330	8	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.12	172	16	0.16	ng	0.00
25) Fluoranthene-d10	19.28	212	41	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7	0.05	ng	-0.01

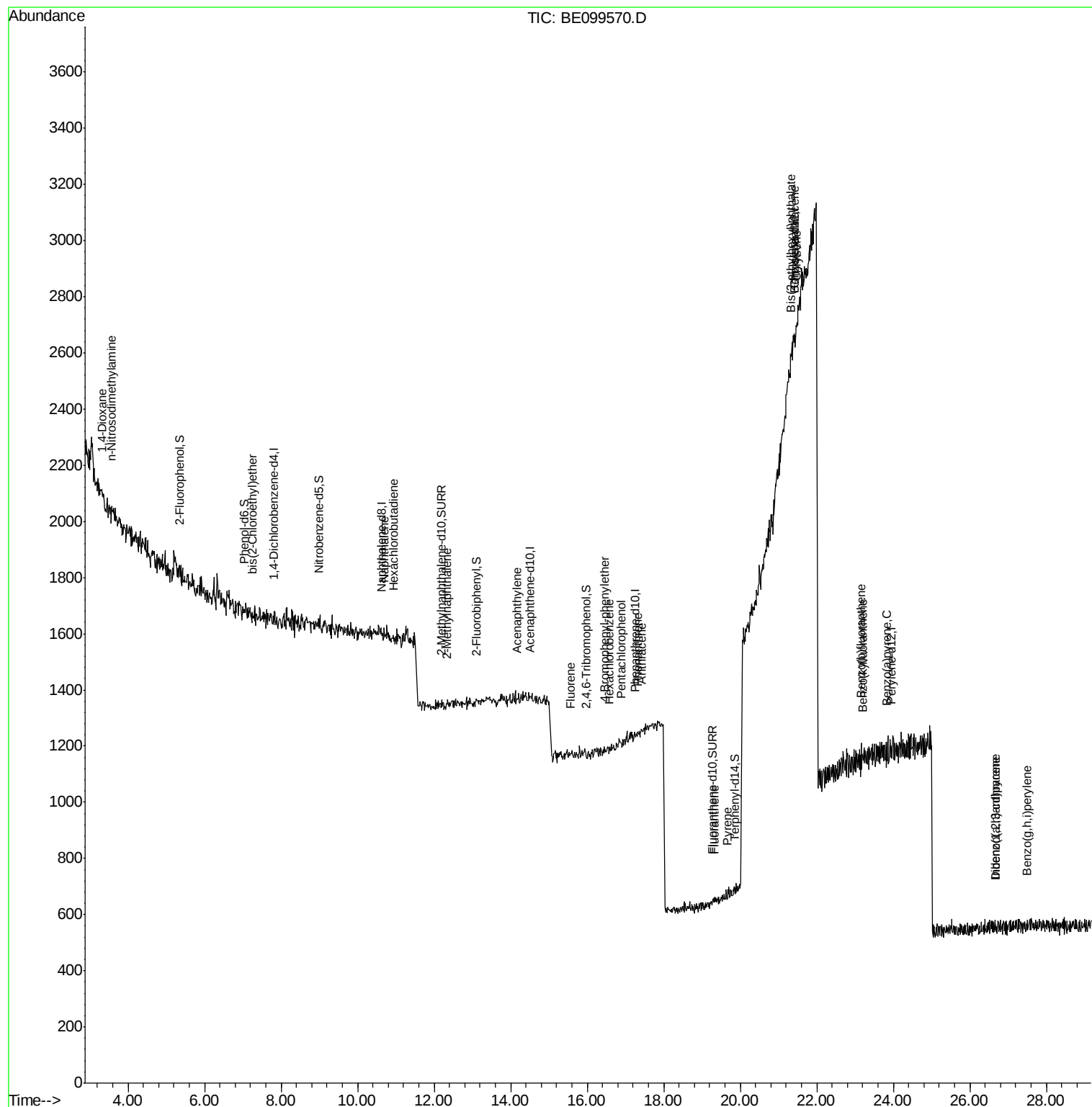
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	7	0.708	ng	# 1
3) n-Nitrosodimethylamine	3.57	42	55	8.405	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	12	0.564	ng	# 1
9) Naphthalene	10.69	128	53	0.179	ng	# 46
10) Hexachlorobutadiene	10.93	225	4	0.186	ng	# 17
12) 2-Methylnaphthalene	12.34	142	13	0.259	ng	# 42
16) Acenaphthylene	14.17	152	16	0.128	ng	# 86
18) Fluorene	15.57	166	10	0.100	ng	# 9
20) 4-Bromophenyl-phenylether	16.45	248	14	3.080	ng	# 65
21) Hexachlorobenzene	16.59	284	4	0.885	ng	# 46
22) Pentachlorophenol	16.88	266	6	3.225	ng	# 67
23) Phenanthrene	17.32	178	35	1.775	ng	# 56
24) Anthracene	17.42	178	22	1.160	ng	# 60
26) Fluoranthene	19.31	202	25	0.823	ng	# 88
28) Pyrene	19.67	202	23	0.106	ng	# 78
30) Benzo(a)anthracene	21.43	228	10	0.040	ng	# 1
31) Chrysene	21.46	228	22	0.089	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.33	149	128	0.322	ng	# 54
33) Indeno(1,2,3-cd)pyrene	26.67	276	6	0.020	ng	# 57
35) Benzo(b)fluoranthene	23.16	252	44	5.317	ng	# 1
36) Benzo(k)fluoranthene	23.21	252	26	3.193	ng	# 1
37) Benzo(a)pyrene	23.84	252	5	0.627	ng	# 1
38) Dibenzo(a,h)anthracene	26.69	278	6	0.727	ng	# 1
39) Benzo(g,h,i)perylene	27.50	276	11	1.331	ng	# 1

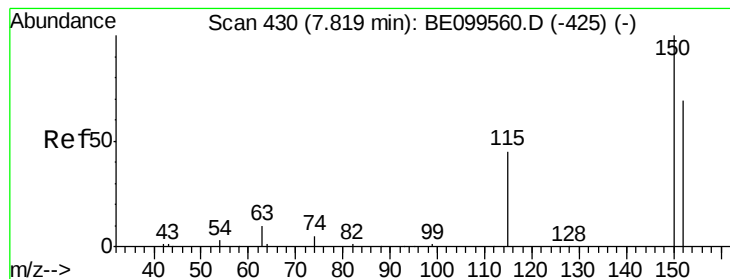
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

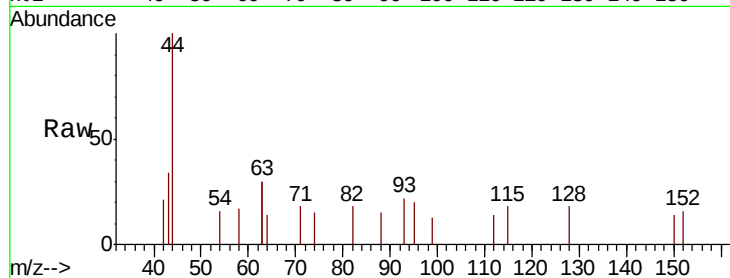
Tot Ion:152 Resp: 7

Ion Ratio Lower Upper

152 100

150 85.7 113.8 170.6#

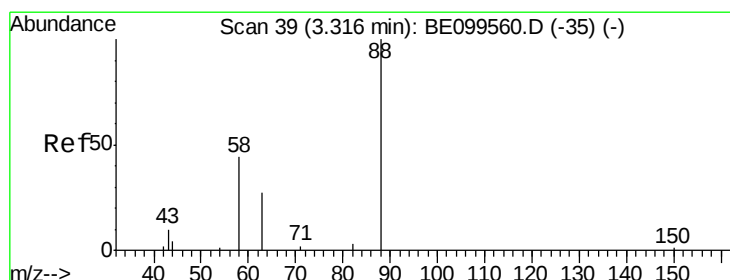
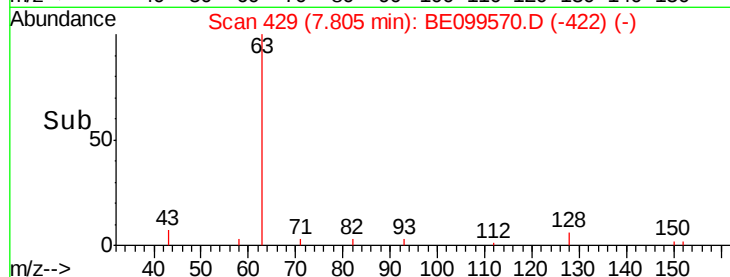
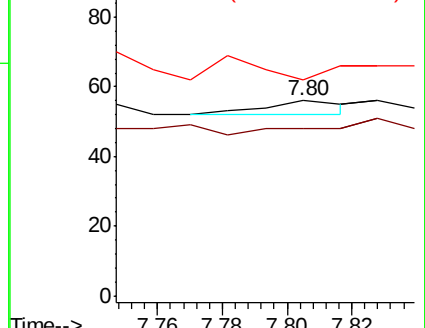
115 110.7 54.2 81.2#



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: 0.708 ng

RT: 3.32 min Scan# 40

Delta R.T. 0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

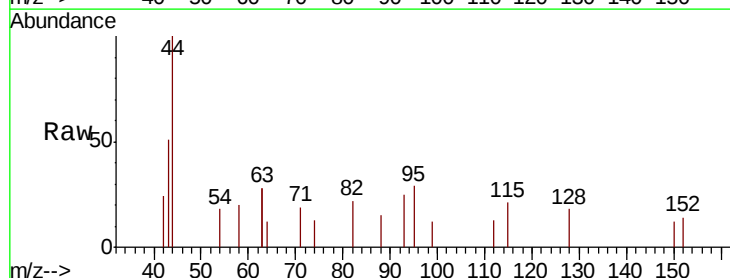
Tgt Ion: 88 Resp: 7

Ion Ratio Lower Upper

88 100

58 271.4 46.6 69.8#

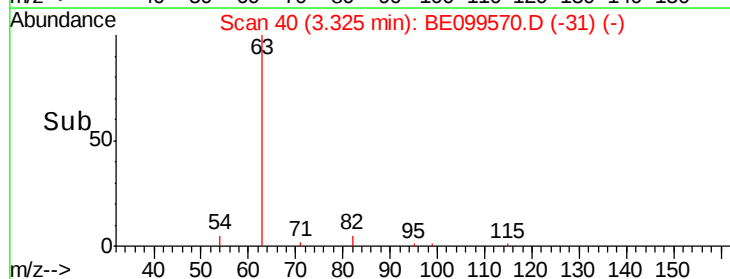
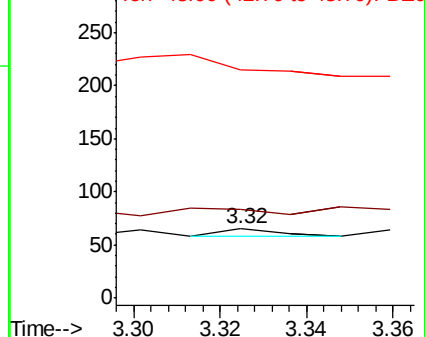
43 728.6 20.3 30.5#

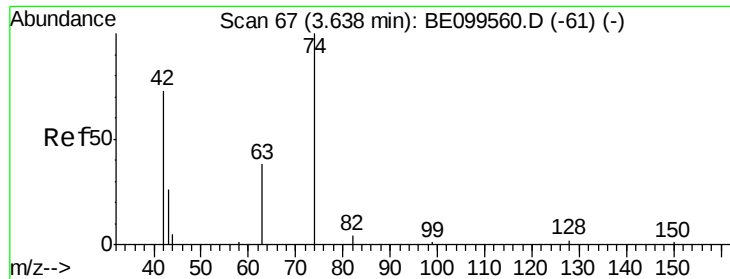


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 8.405 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.07 min

Lab File: BE099570.D

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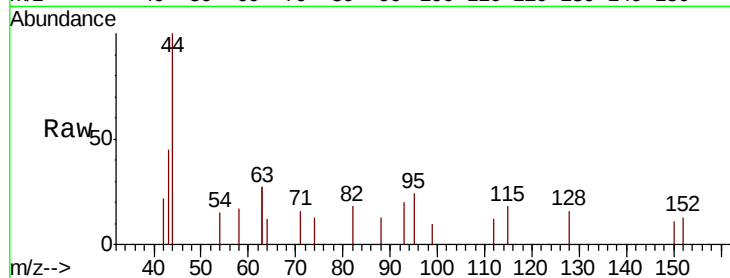
Tot Ion: 42 Resp: 55

Ion Ratio Lower Upper

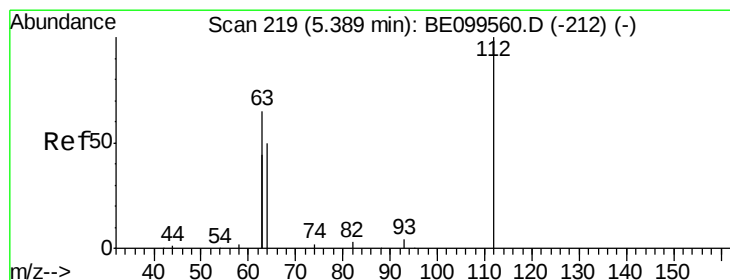
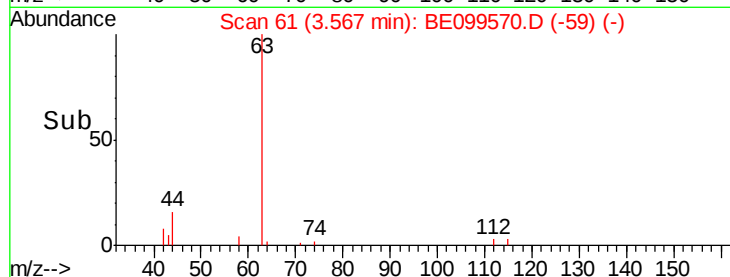
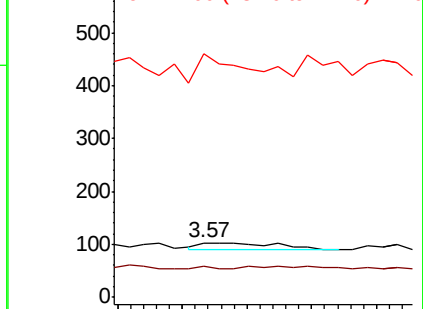
42 100

74 0.0 121.3 181.9#

44 216.4 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



#4

2-Fluorophenol

Concen: 0.876 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.04 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

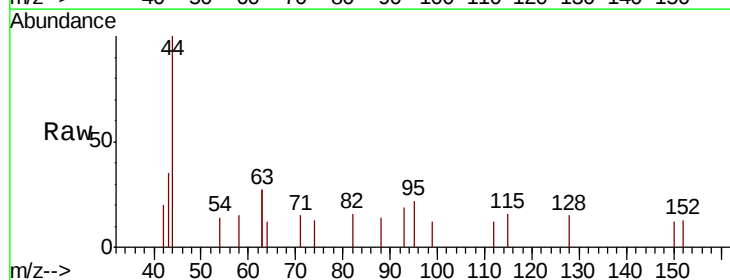
Tgt Ion: 112 Resp: 17

Ion Ratio Lower Upper

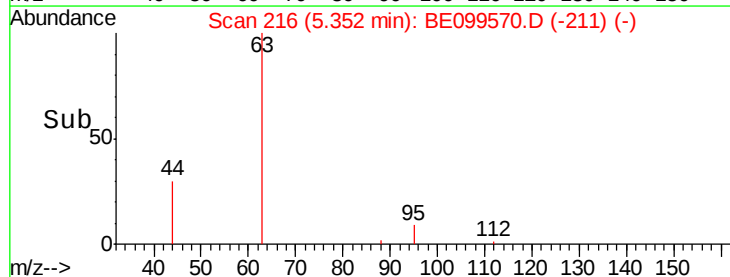
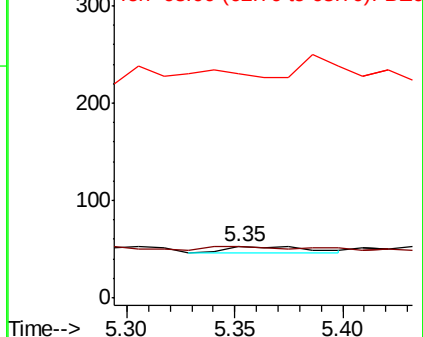
112 100

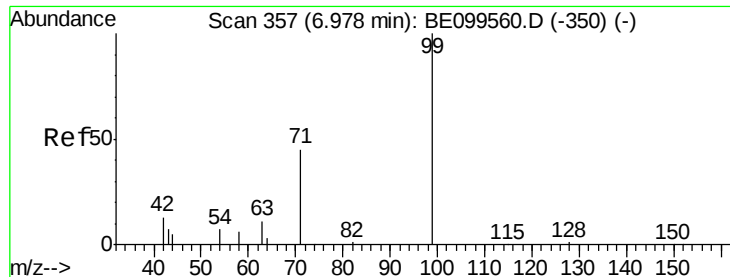
64 76.5 46.3 69.5#

63 0.0 99.6 149.4#



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: 0.861 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

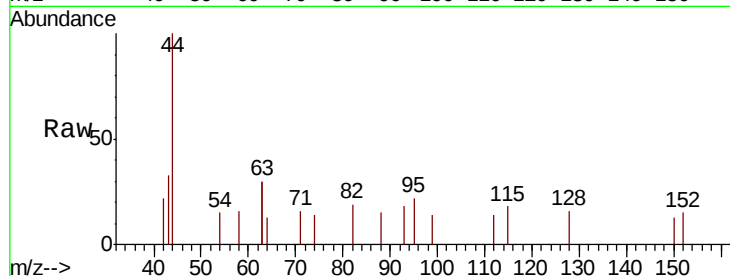
Tot Ion: 99 Resp: 22

Ion Ratio Lower Upper

99 100

42 218.2 13.4 20.0#

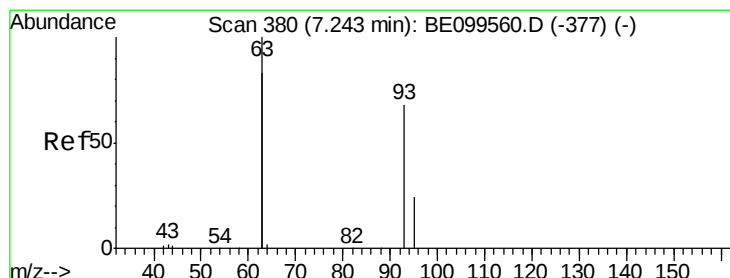
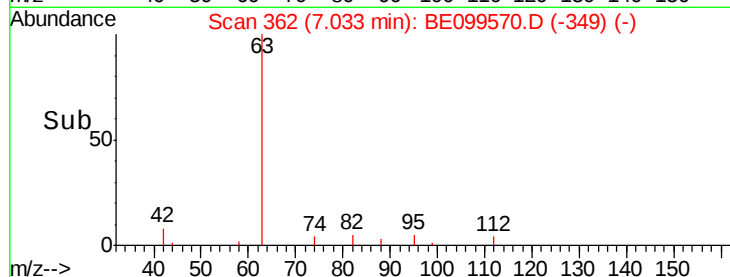
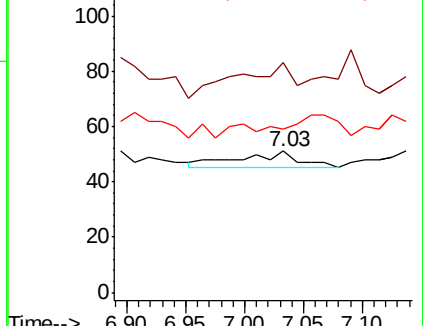
71 0.0 34.2 51.2#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.564 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

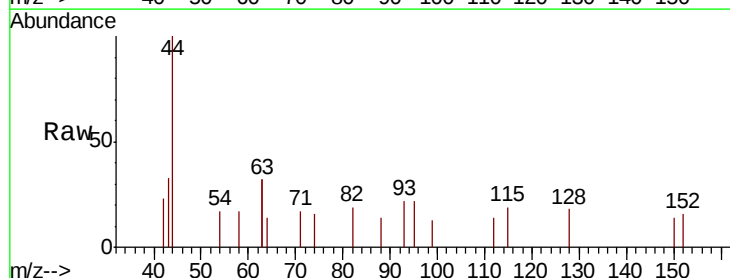
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 0.0 209.0 313.4#

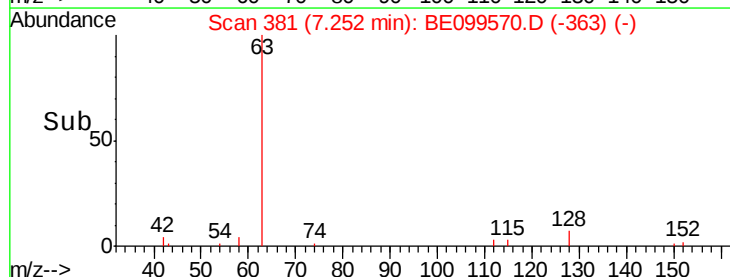
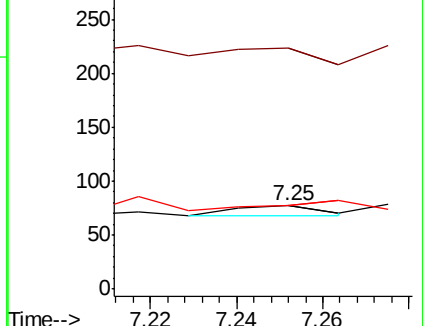
95 0.0 26.9 40.3#

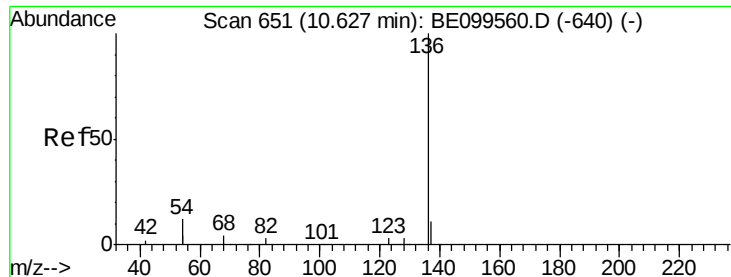


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

Tot Ion:136 Resp: 28

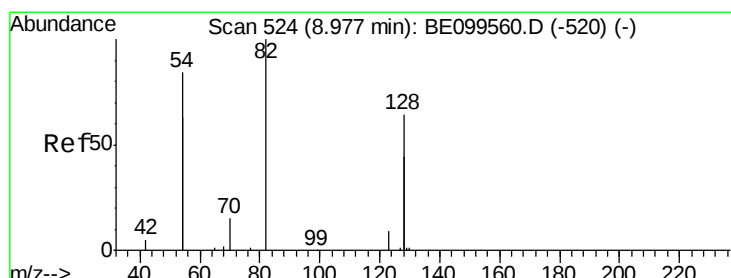
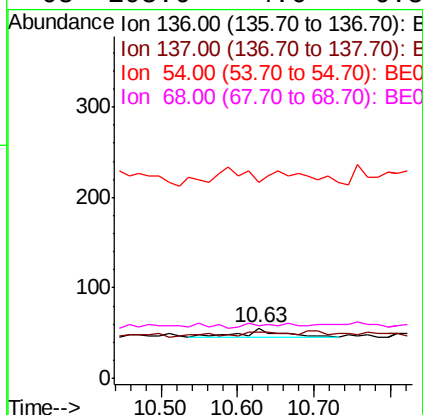
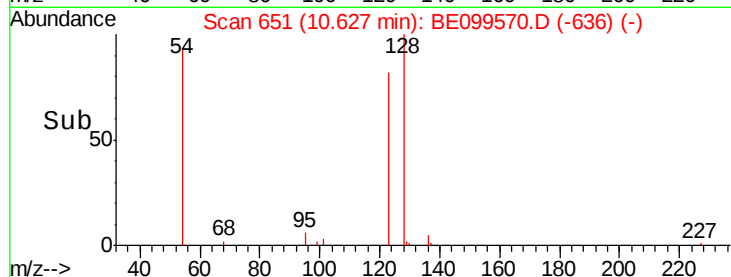
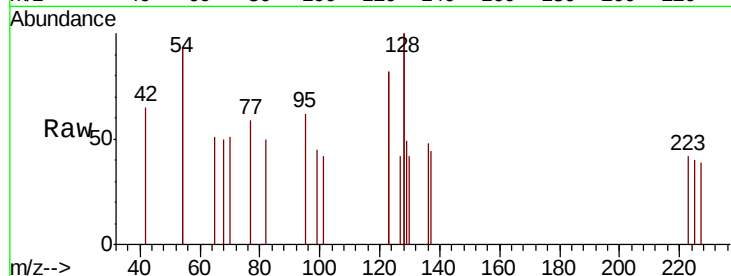
Ion Ratio Lower Upper

136 100

137 91.1 10.0 15.0#

54 385.7 18.6 28.0#

68 103.6 4.6 6.8#



#8

Nitrobenzene-d5

Concen: 0.704 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

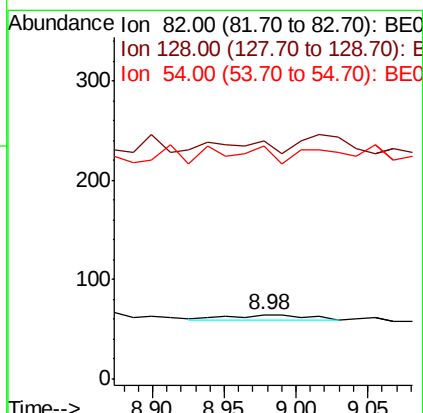
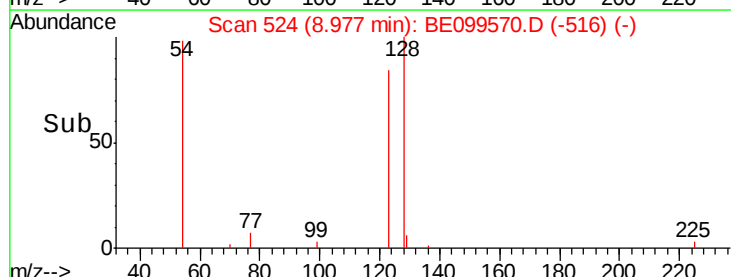
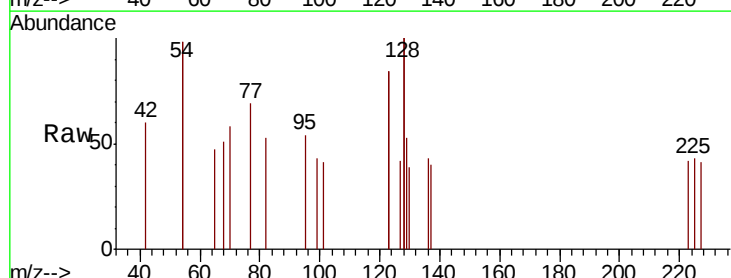
Tgt Ion: 82 Resp: 19

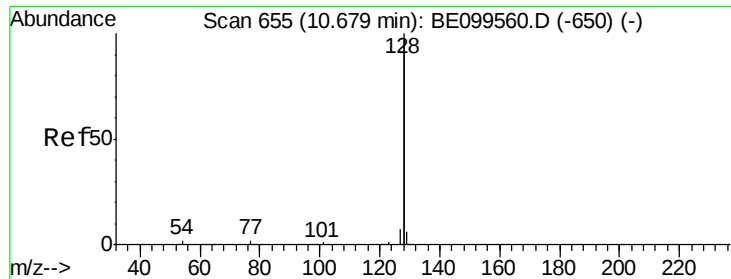
Ion Ratio Lower Upper

82 100

128 375.0 97.6 146.4#

54 365.6 127.4 191.2#





#9

Naphthalene

Concen: 0.179 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE099570.D

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BNA_E

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BP-TT-MW201D1-GW-20190502

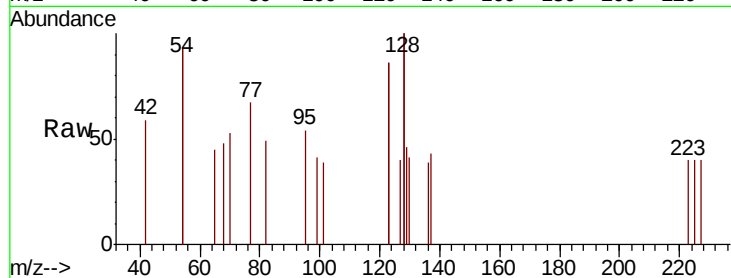
Tot Ion:128 Resp: 53

Ion Ratio Lower Upper

128 100

129 23.1 2.6 3.8#

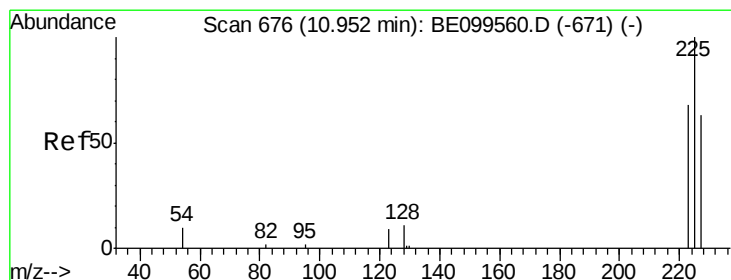
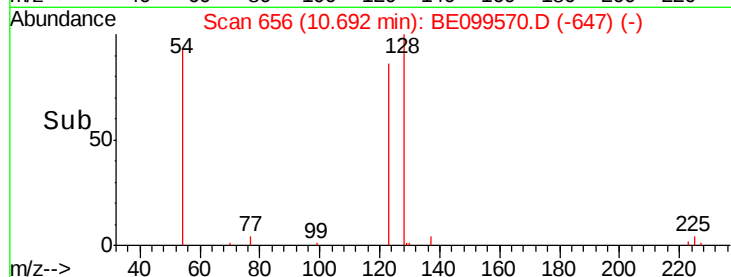
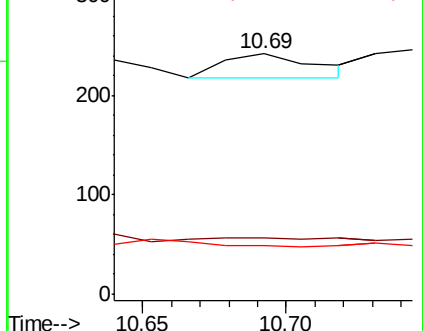
127 19.8 3.0 4.4#



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: 0.186 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.03 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

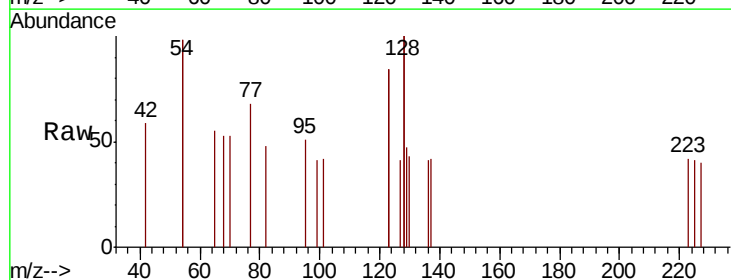
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

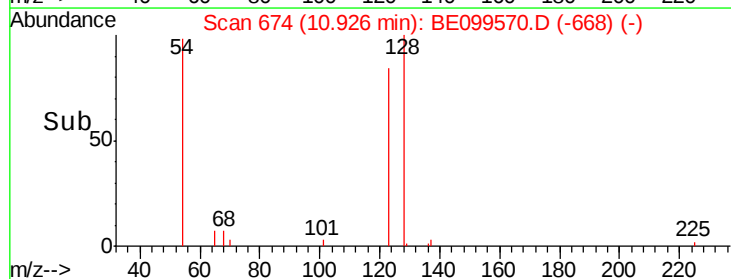
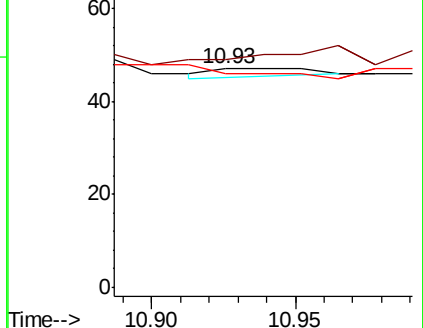
227 0.0 51.4 77.0#

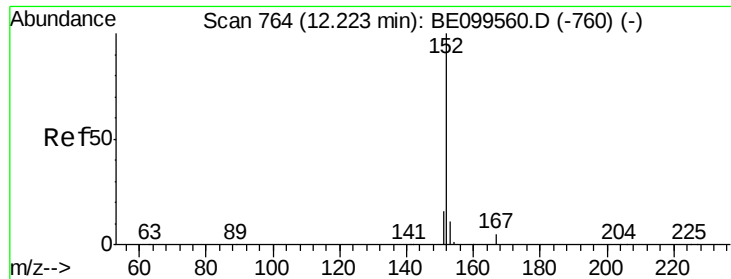


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

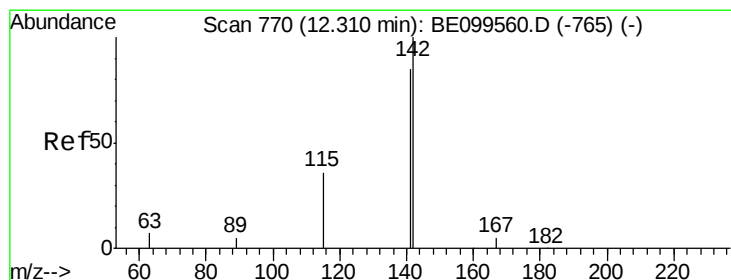
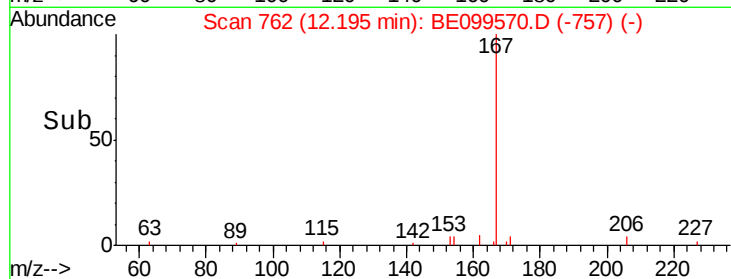
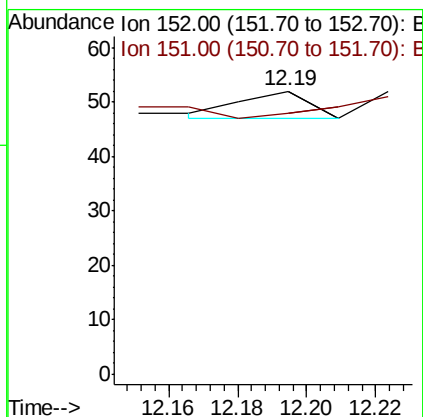
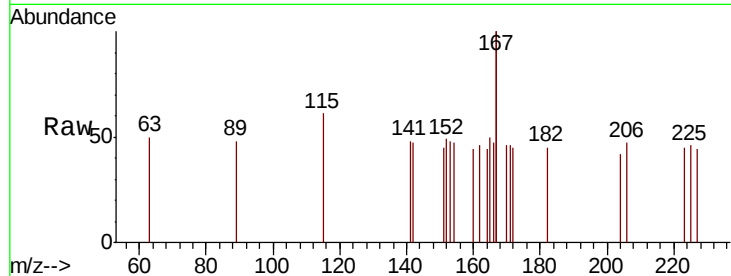




#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.03 min
Lab File: BE099570.D
Acq: 7 May 2019 17:59

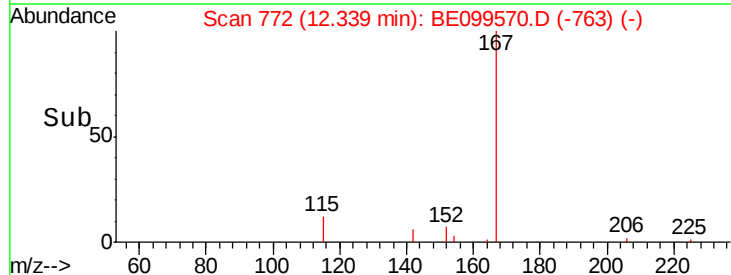
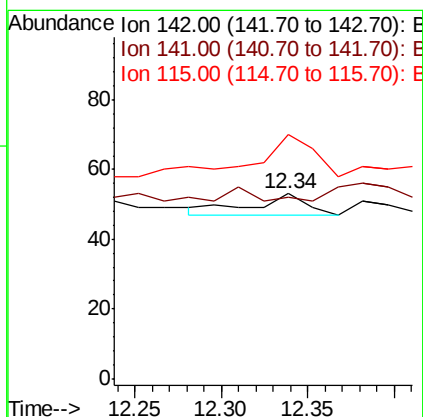
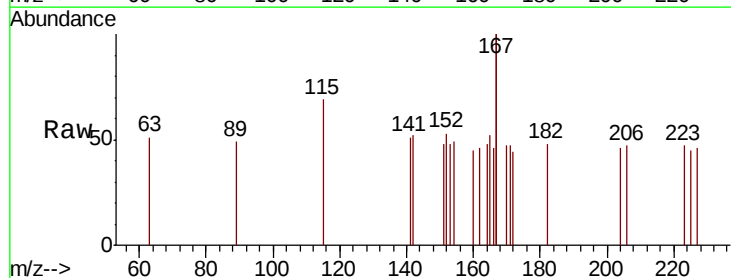
Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D1-GW-20190502

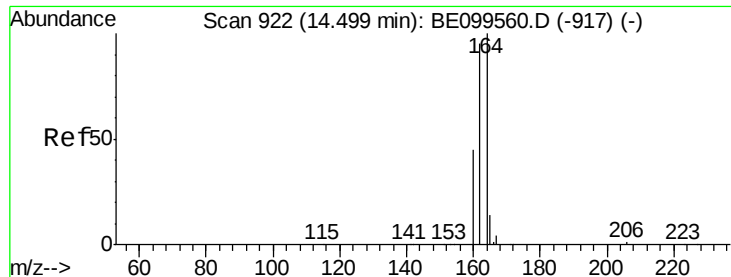
Tot Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.8#



#12
2-Methylnaphthalene
Concen: 0.259 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.03 min
Lab File: BE099570.D
Acq: 7 May 2019 17:59

Tgt Ion:142 Resp: 13
Ion Ratio Lower Upper
142 100
141 98.1 68.1 102.1
115 132.1 30.8 46.2#

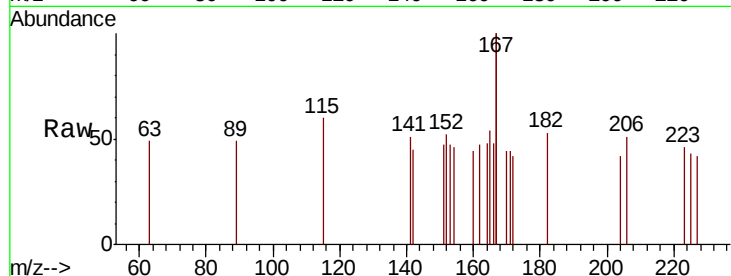




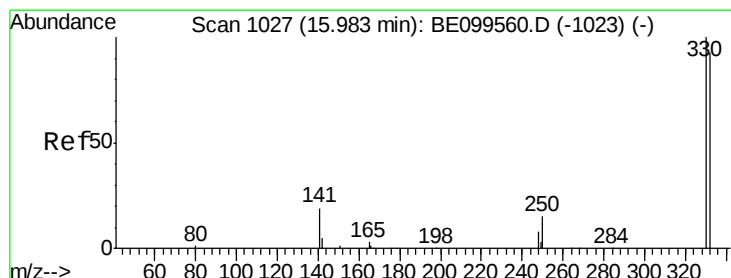
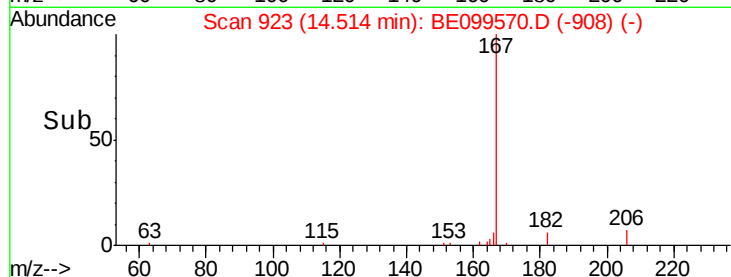
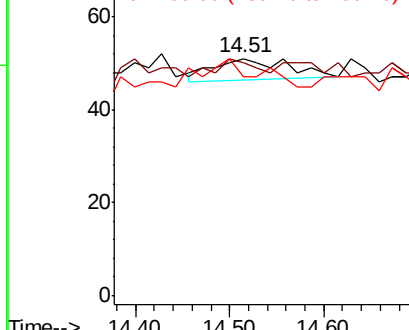
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.01 min
Lab File: BE099570.D
Acq: 7 May 2019 17:59

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D1-GW-20190502

Tot Ion:164 Resp: 26
Ion Ratio Lower Upper
164 100
162 98.0 76.4 114.6
160 92.2 36.6 55.0#

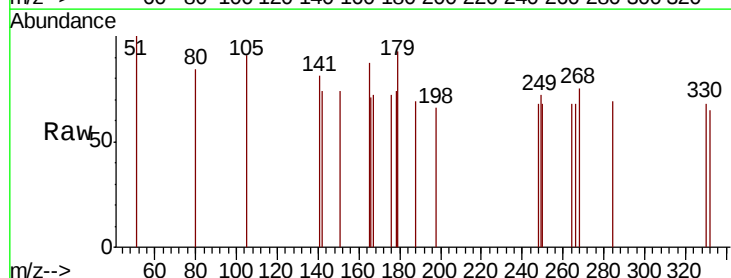


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

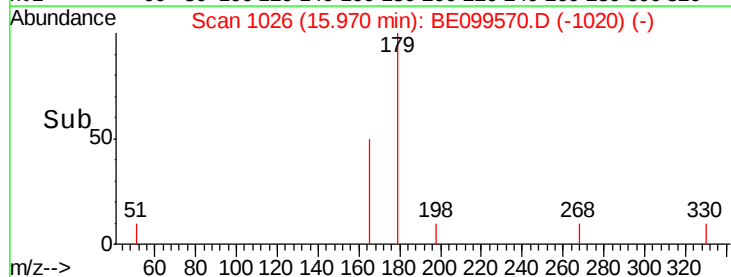
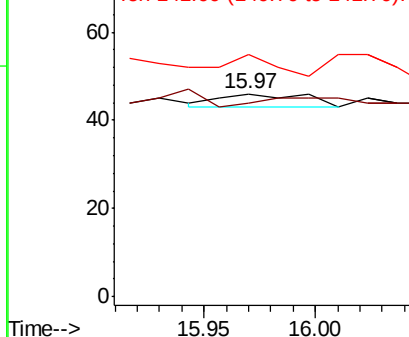


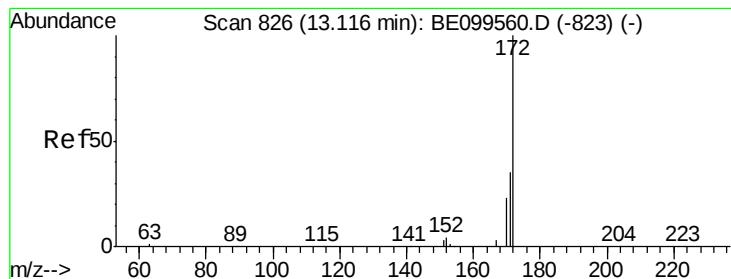
#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099570.D
Acq: 7 May 2019 17:59

Tgt Ion:330 Resp: 8
Ion Ratio Lower Upper
330 100
332 100.0 77.7 116.5
141 75.0 26.1 39.1#



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: 0.162 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

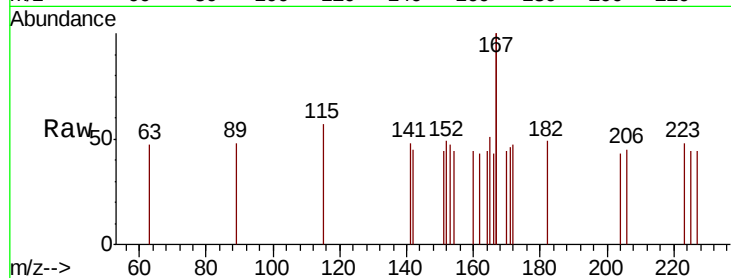
Tot Ion:172 Resp: 16

Ion Ratio Lower Upper

172 100

171 98.0 28.4 42.6#

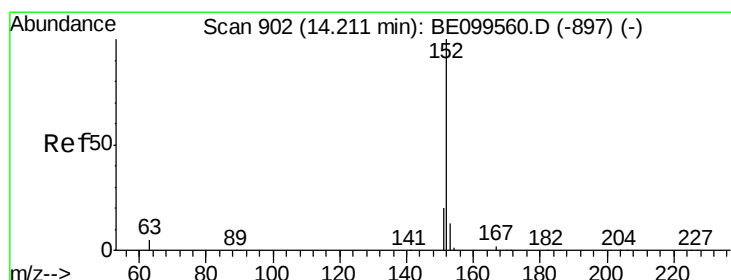
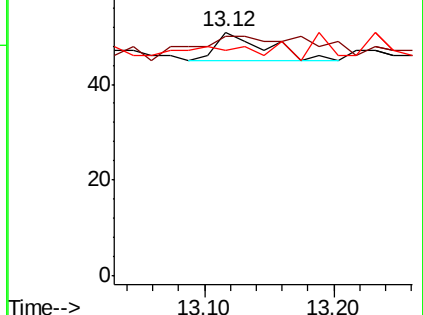
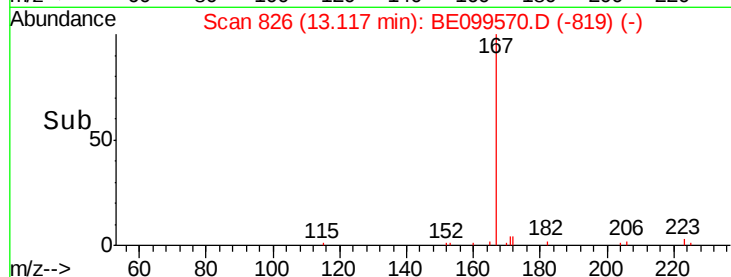
170 92.2 18.8 28.2#



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



#16

Acenaphthylene

Concen: 0.128 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.04 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

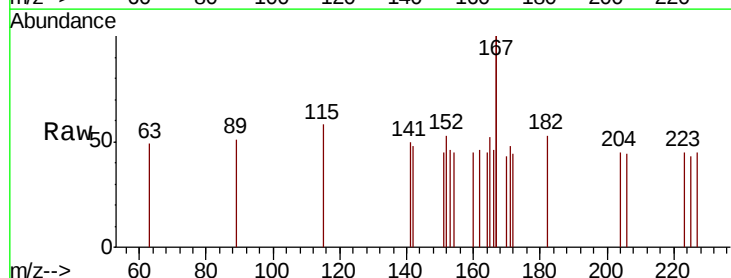
Tgt Ion:152 Resp: 16

Ion Ratio Lower Upper

152 100

151 18.8 15.8 23.8

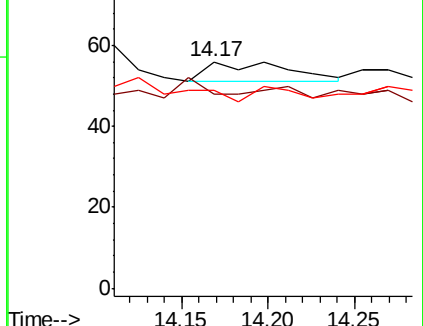
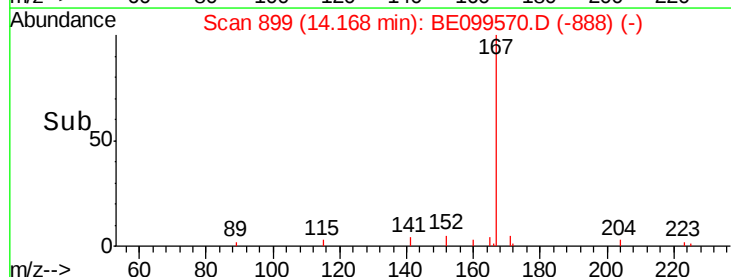
153 0.0 10.5 15.7#

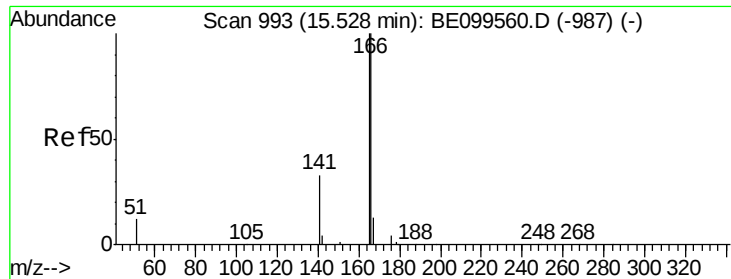


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

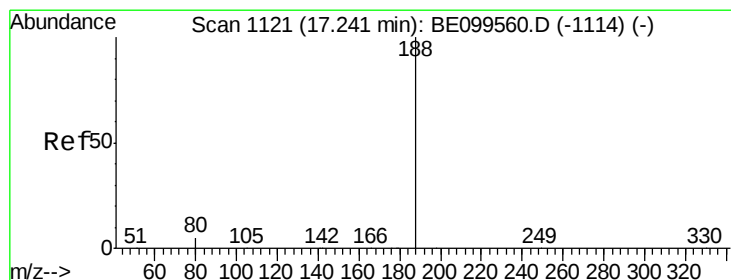
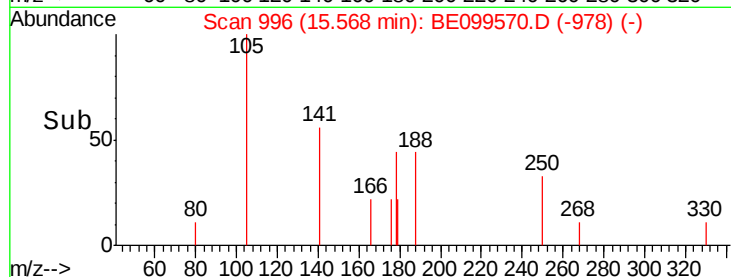
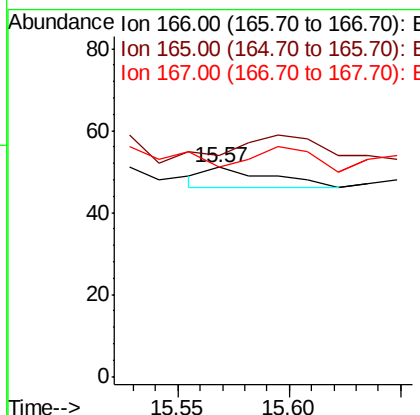
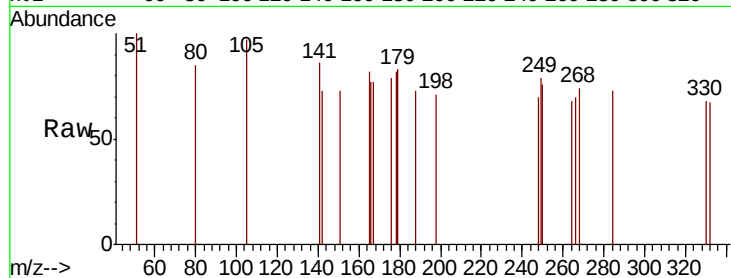




#18
Fluorene
 Concen: 0.100 ng
 RT: 15.57 min Scan# 996
 Delta R.T. 0.04 min
 Lab File: BE099570.D
 Acq: 7 May 2019 17:59

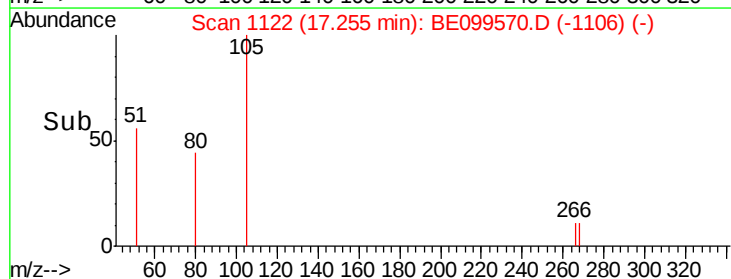
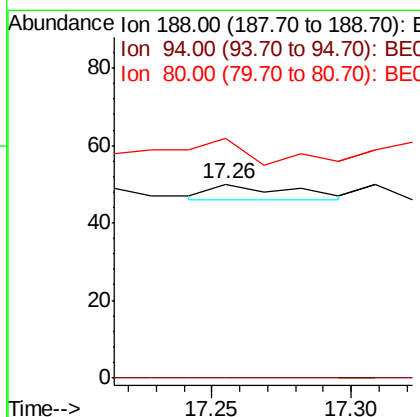
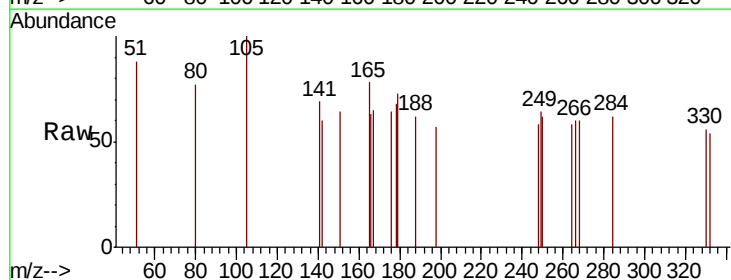
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-GW-20190502

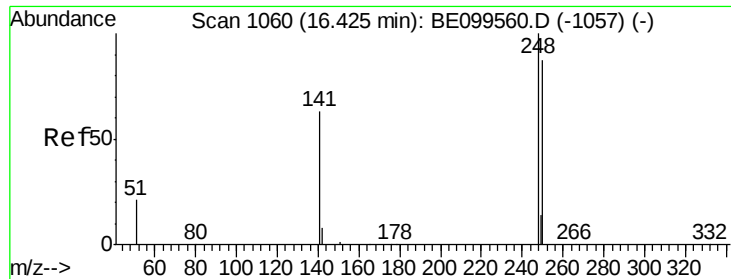
Tot Ion:166 Resp: 10
 Ion Ratio Lower Upper
 166 100
 165 0.0 79.0 118.6#
 167 0.0 11.5 17.3#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BE099570.D
 Acq: 7 May 2019 17:59

Tgt Ion:188 Resp: 8
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 124.0 4.6 7.0#

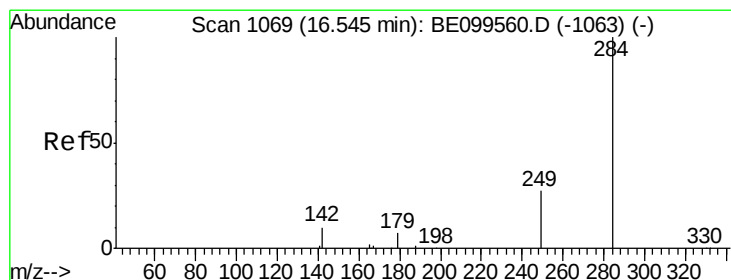
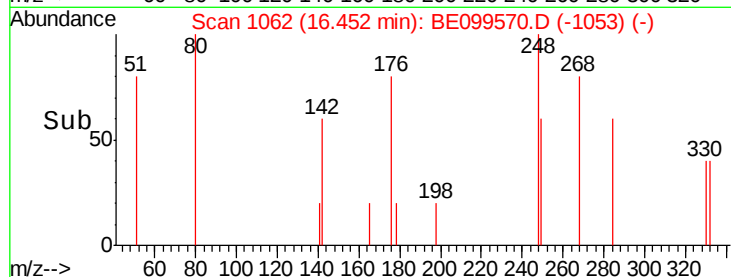
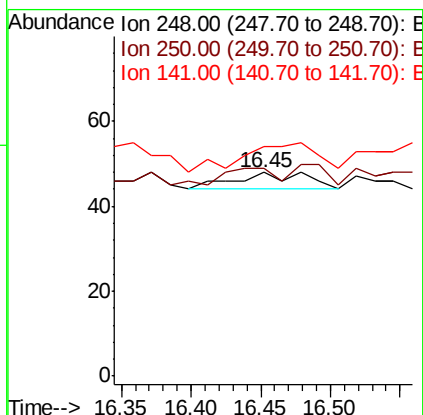
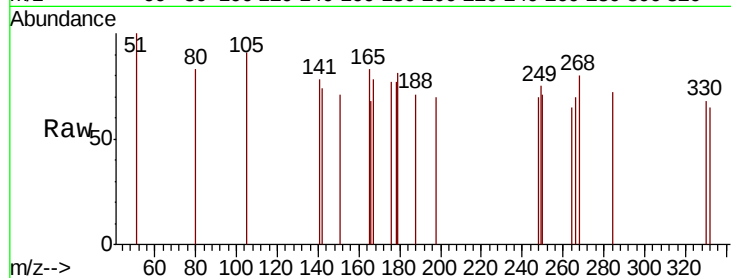




#20
4-Bromophenyl-phenylether
Concen: 3.080 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.03 min
Lab File: BE099570.D
Acq: 7 May 2019 17:59

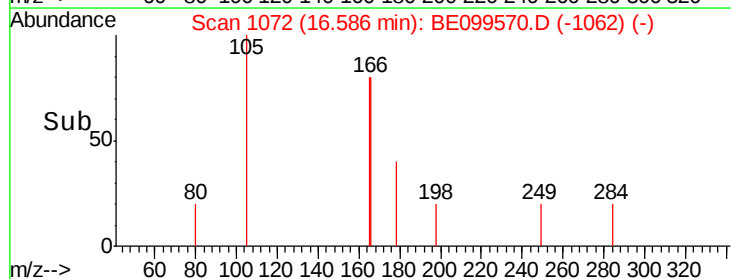
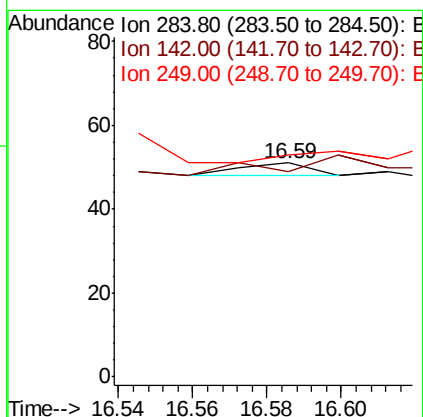
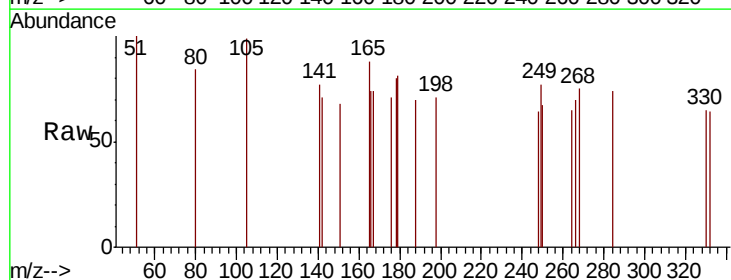
Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D1-GW-20190502

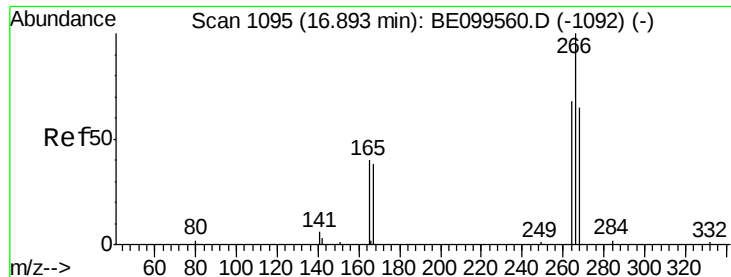
Tot Ion:248 Resp: 14
Ion Ratio Lower Upper
248 100
250 102.1 70.0 105.0
141 112.5 51.8 77.8#



#21
Hexachlorobenzene
Concen: 0.885 ng
RT: 16.59 min Scan# 1072
Delta R.T. 0.04 min
Lab File: BE099570.D
Acq: 7 May 2019 17:59

Tgt Ion:284 Resp: 4
Ion Ratio Lower Upper
284 100
142 0.0 19.5 29.3#
249 0.0 26.2 39.2#





#22

Pentachlorophenol

Concen: 3.225 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

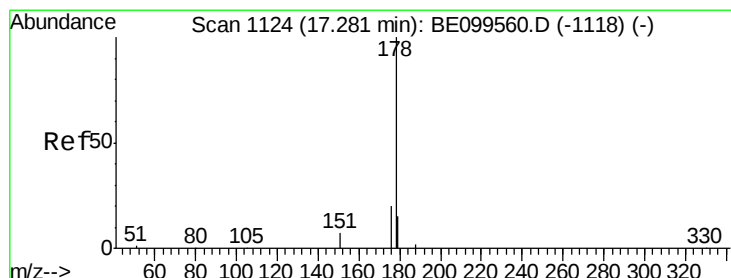
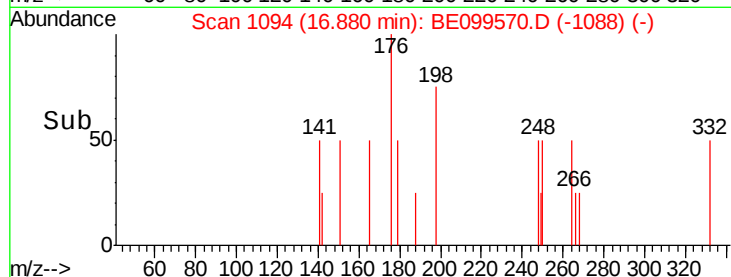
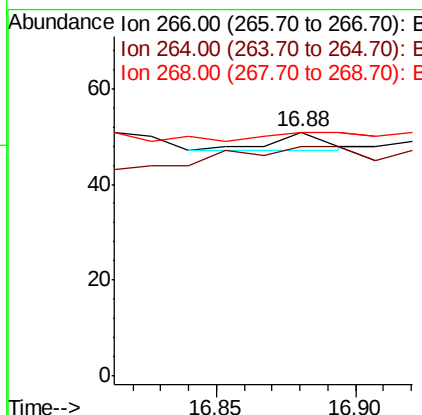
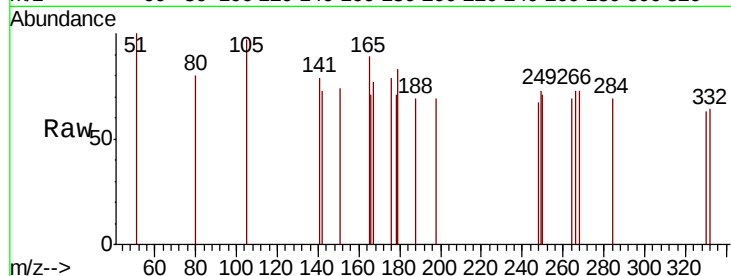
Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

Tot Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	94.1	56.6	84.8#
268	100.0	55.8	83.8#



#23

Phenanthrene

Concen: 1.775 ng

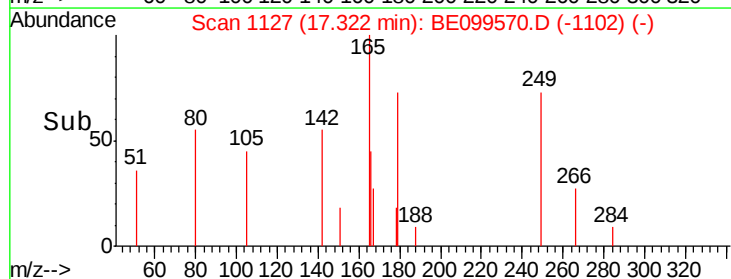
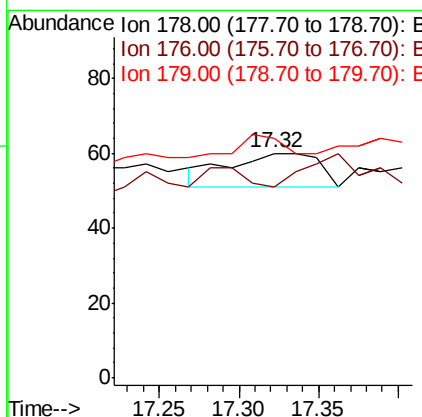
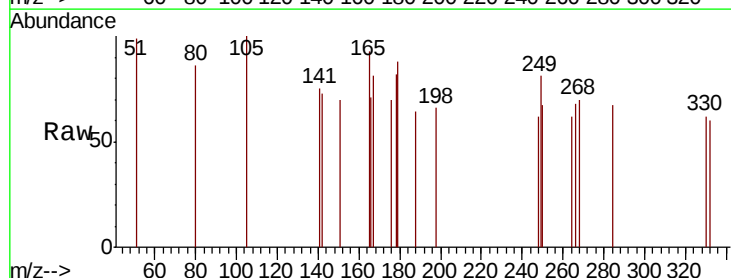
RT: 17.32 min Scan# 1127

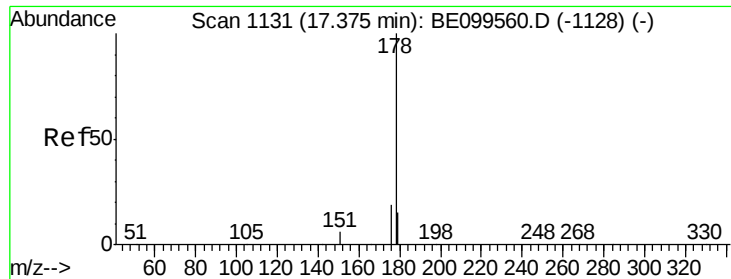
Delta R.T. 0.04 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Tgt Ion:	178	Resp:	35
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	34.3	12.5	18.7#





#24

Anthracene

Concen: 1.160 ng

RT: 17.42 min Scan# 1134

Delta R.T. 0.04 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

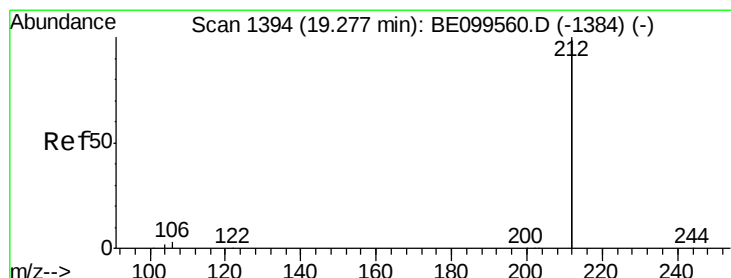
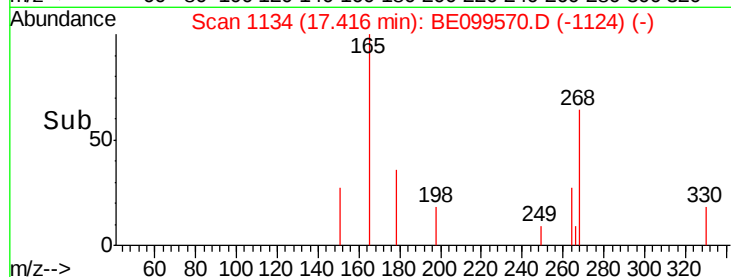
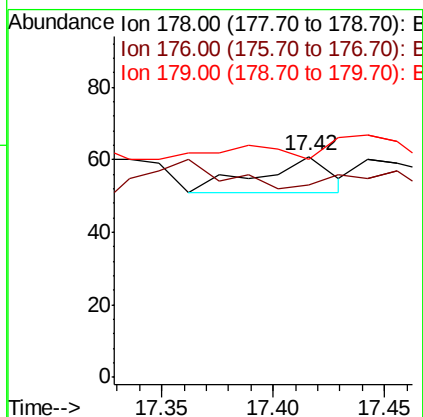
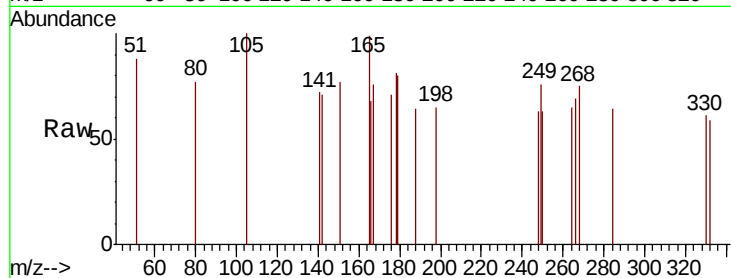
Tot Ion:178 Resp: 22

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 0.0 12.2 18.4#



#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

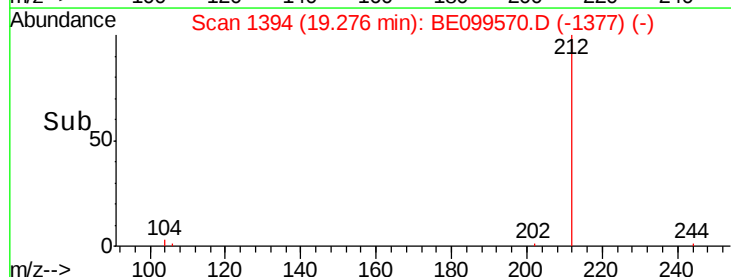
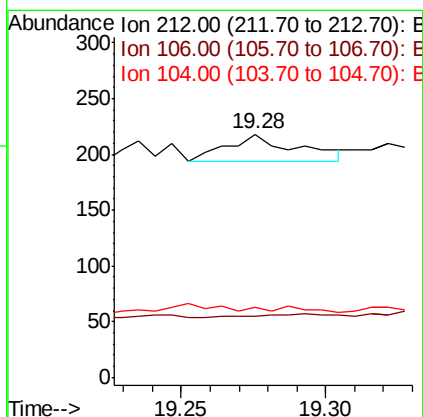
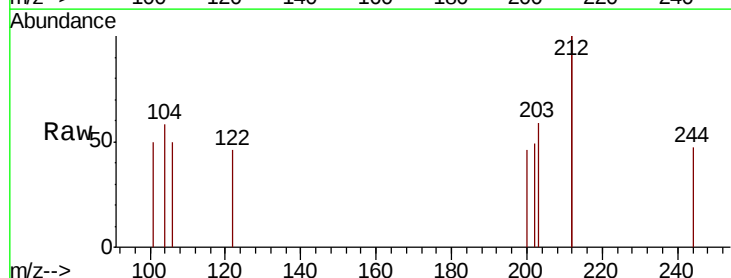
Tgt Ion:212 Resp: 41

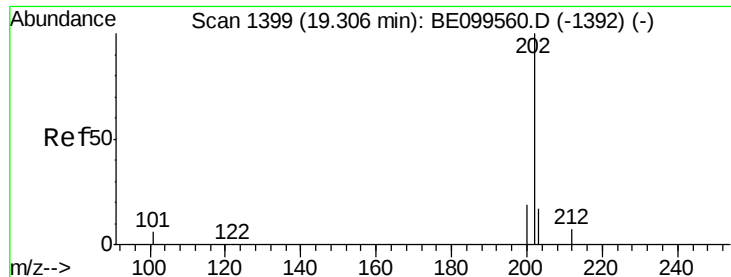
Ion Ratio Lower Upper

212 100

106 0.0 1.4 2.0#

104 0.0 0.8 1.2#

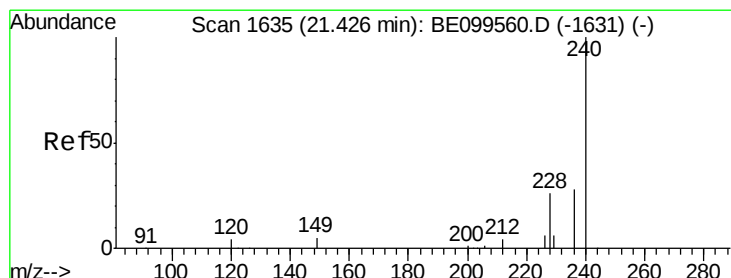
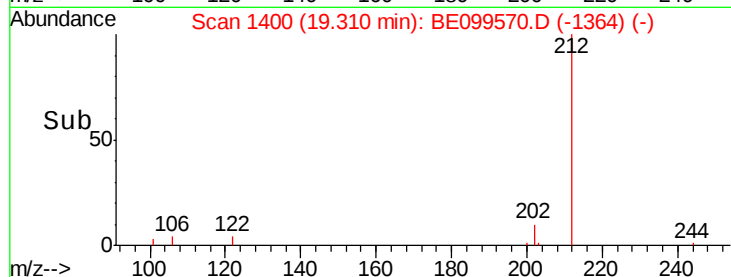
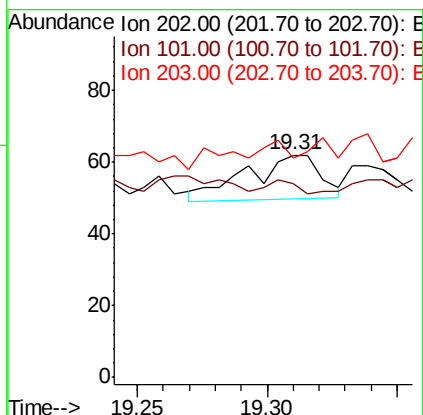
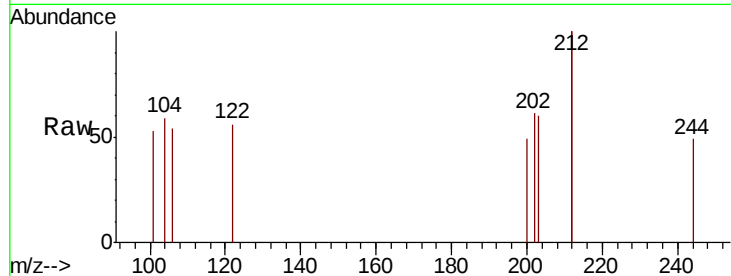




#26
 Fluoranthene
 Concen: 0.823 ng
 RT: 19.31 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BE099570.D
 Acq: 7 May 2019 17:59

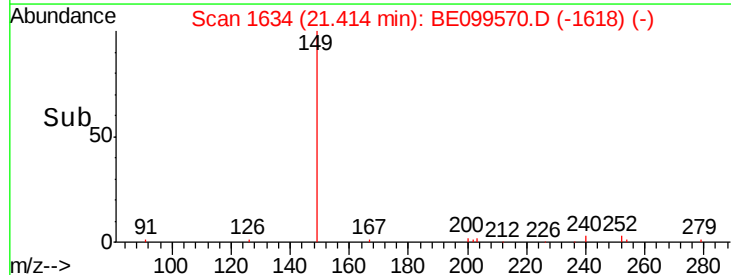
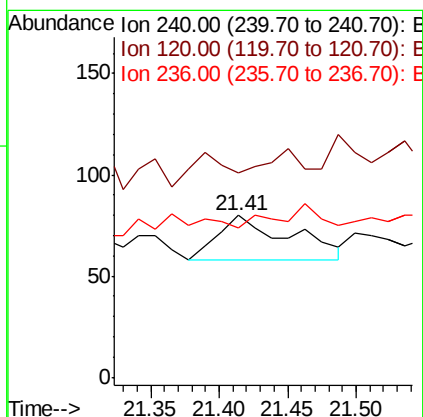
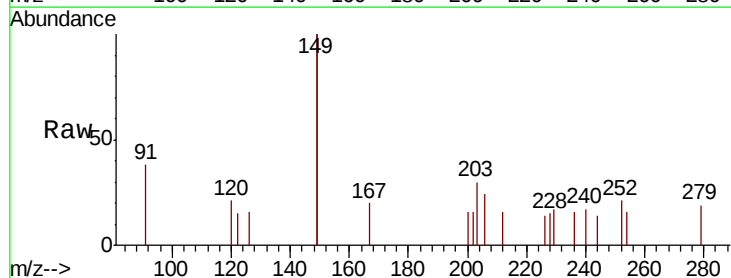
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-GW-20190502

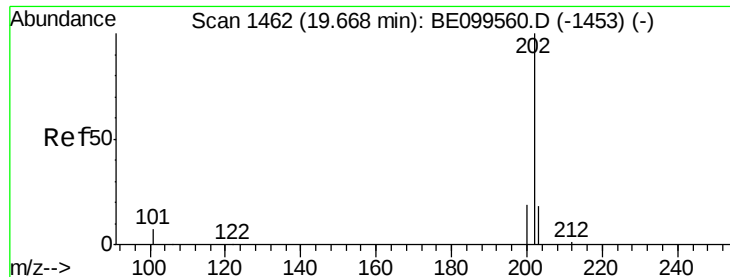
Tot Ion:202 Resp: 25
 Ion Ratio Lower Upper
 202 100
 101 12.0 5.3 7.9#
 203 12.0 13.4 20.2#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BE099570.D
 Acq: 7 May 2019 17:59

Tgt Ion:240 Resp: 81
 Ion Ratio Lower Upper
 240 100
 120 126.3 3.8 5.6#
 236 92.5 22.5 33.7#





#28

Pvrene

Concen: 0.106 ng

RT: 19.67 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

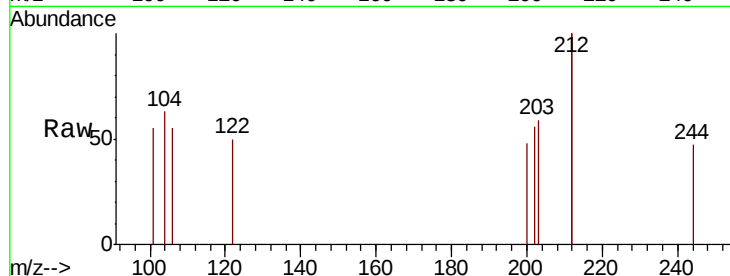
Tot Ion:202 Resp: 23

Ion Ratio Lower Upper

202 100

200 17.4 15.8 23.6

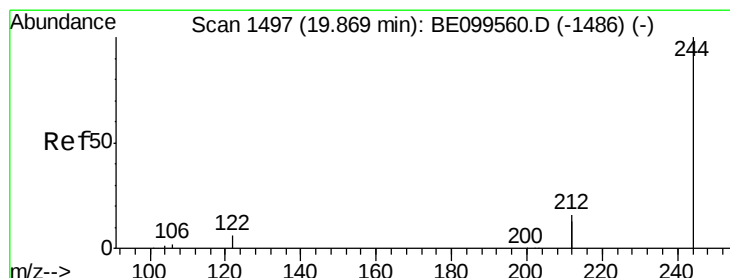
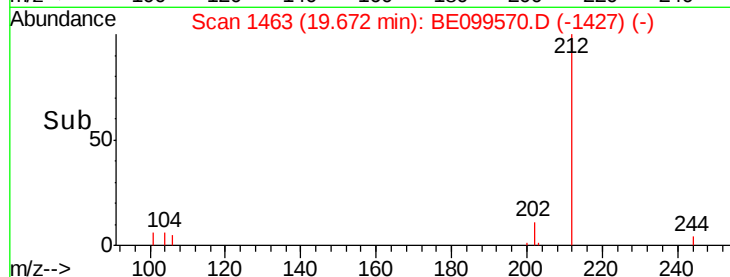
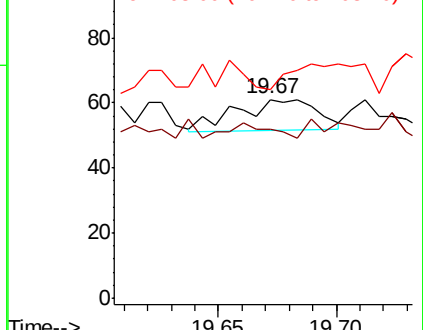
203 0.0 14.1 21.1#



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: 0.047 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

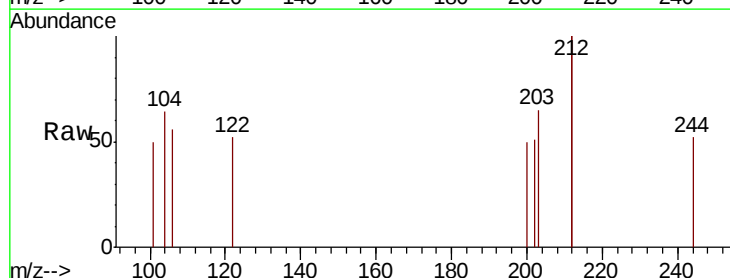
Tgt Ion:244 Resp: 7

Ion Ratio Lower Upper

244 100

212 381.8 24.6 37.0#

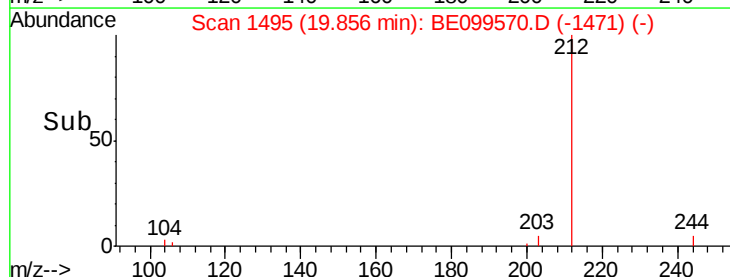
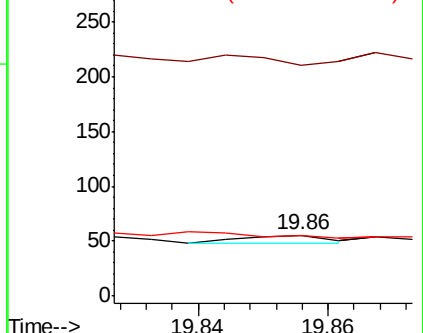
122 100.0 5.0 7.6#

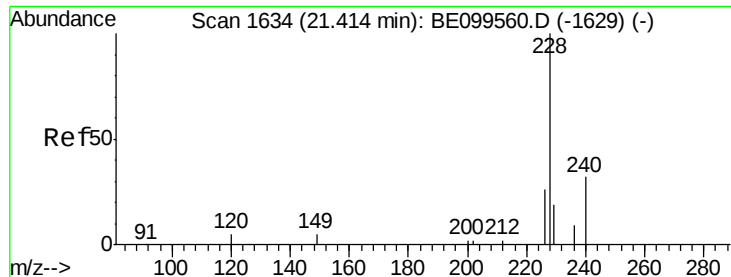


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

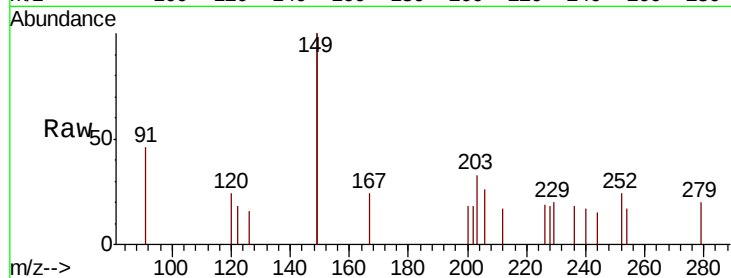
Tot Ion:228 Resp: 10

Ion Ratio Lower Upper

228 100

226 102.5 20.9 31.3#

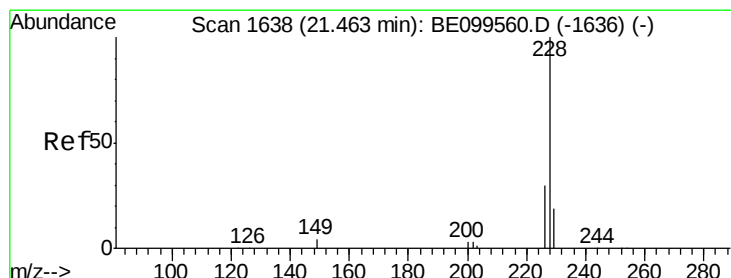
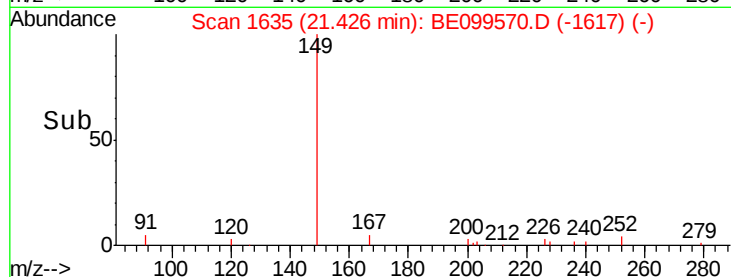
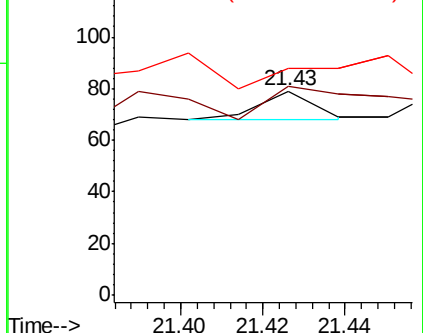
229 111.4 16.1 24.1#



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



#31

Chrysene

Concen: 0.089 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

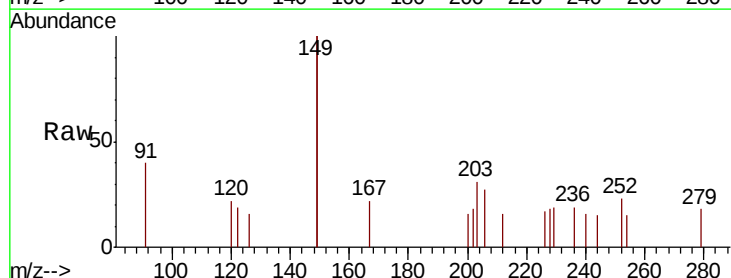
Tgt Ion:228 Resp: 22

Ion Ratio Lower Upper

228 100

226 91.6 24.2 36.4#

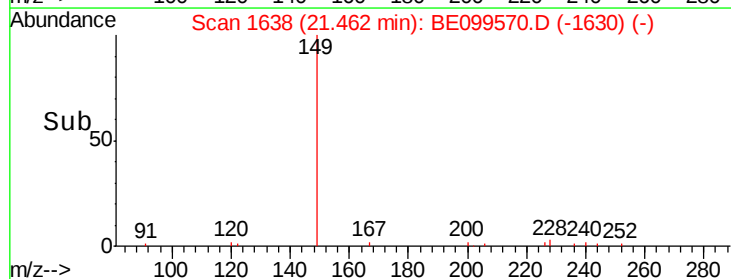
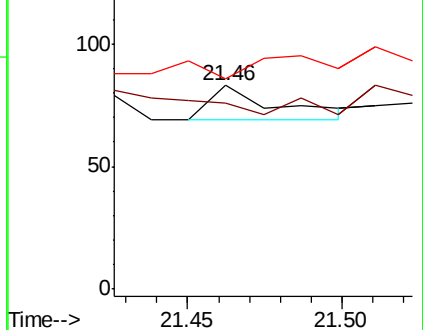
229 103.6 15.8 23.6#

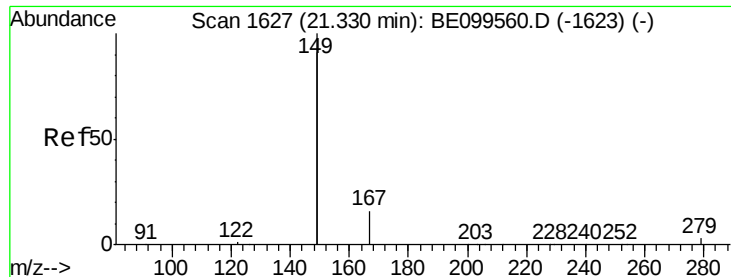


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.322 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

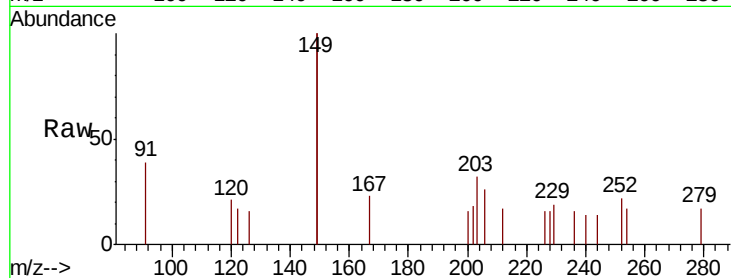
Tot Ion:149 Resp: 128

Ion Ratio Lower Upper

149 100

167 26.6 6.1 9.1#

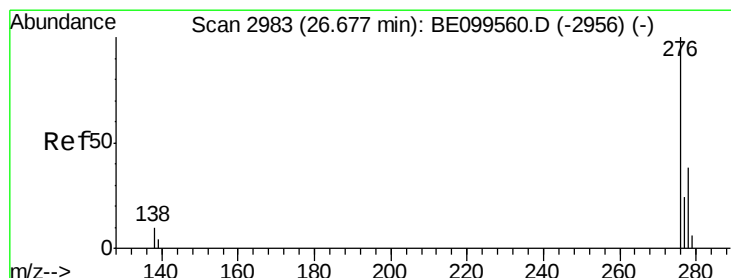
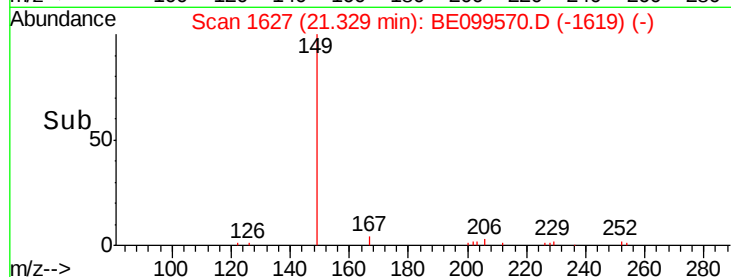
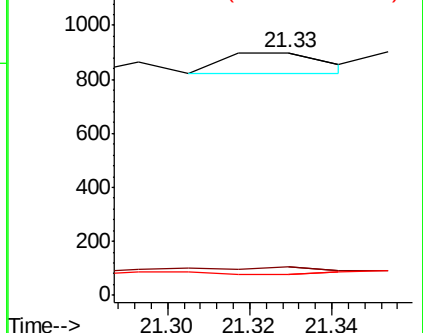
279 0.0 1.3 1.9#



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: 0.020 ng

RT: 26.67 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

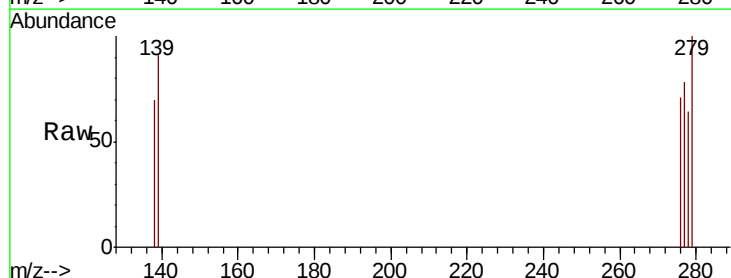
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

138 0.0 9.5 14.3#

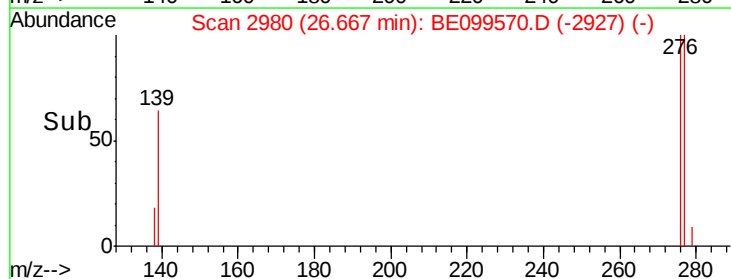
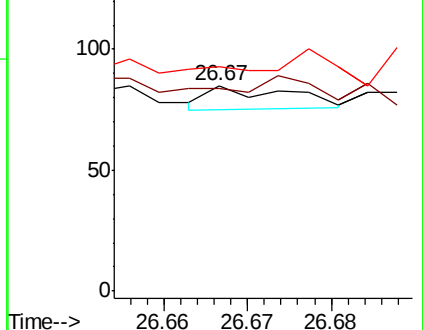
277 0.0 19.7 29.5#

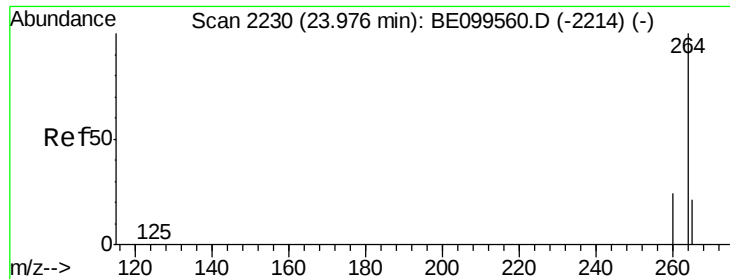


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

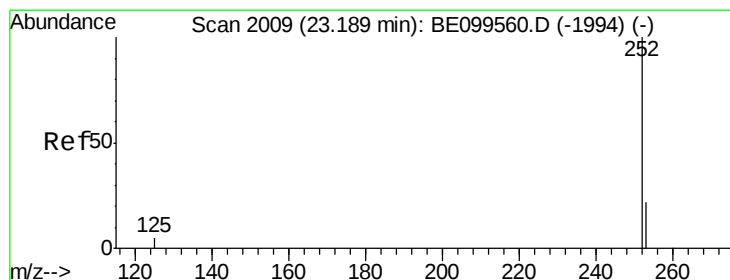
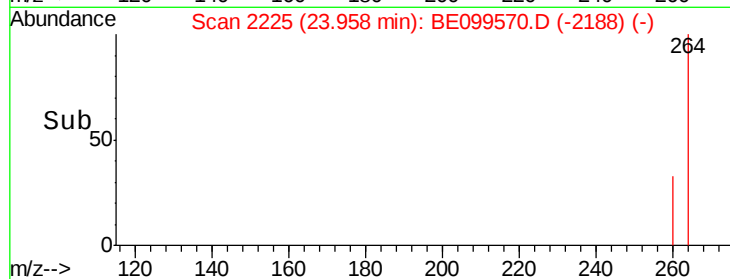
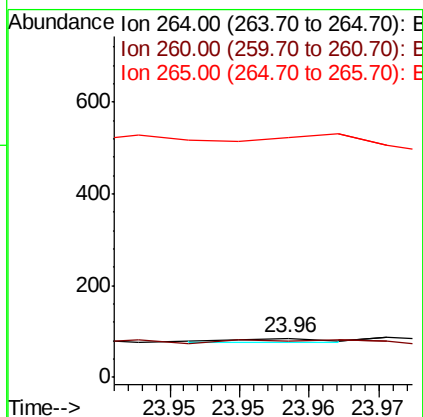
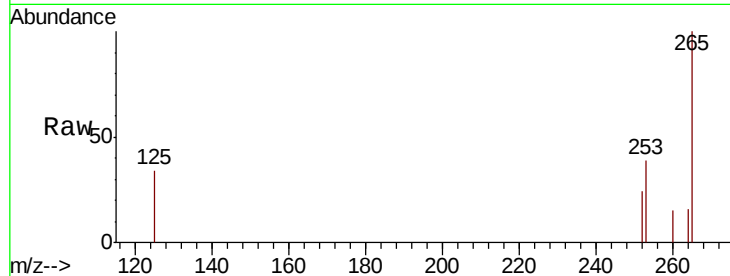




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BE099570.D
 Acq: 7 May 2019 17:59

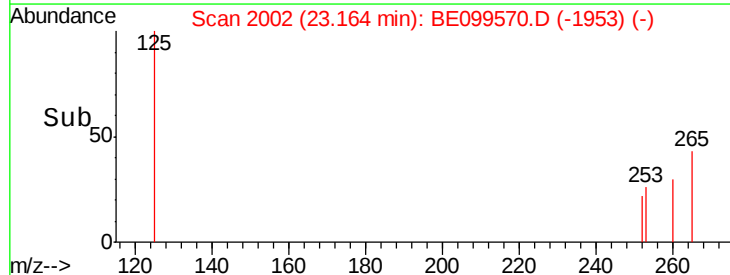
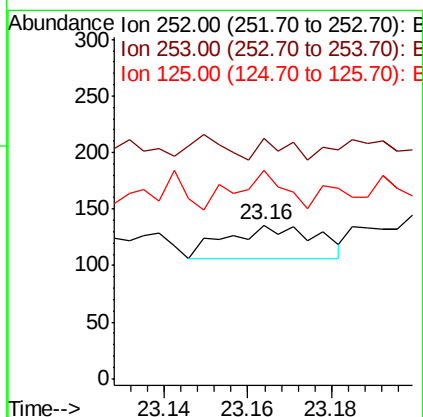
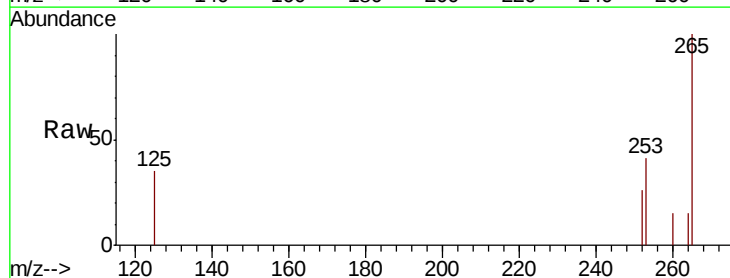
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-GW-20190502

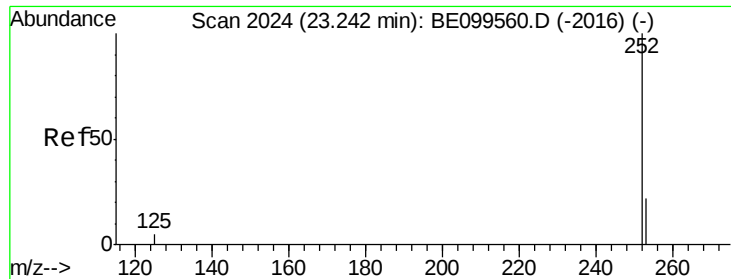
Tot Ion:264 Resp: 3
 Ion Ratio Lower Upper
 264 100
 260 92.9 19.9 29.9#
 265 615.3 22.2 33.2#



#35
 Benzo(b)fluoranthene
 Concen: 5.317 ng
 RT: 23.16 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BE099570.D
 Acq: 7 May 2019 17:59

Tgt Ion:252 Resp: 44
 Ion Ratio Lower Upper
 252 100
 253 156.6 19.0 28.4#
 125 135.3 5.8 8.6#





#36

Benzo(k)fluoranthene

Concen: 3.193 ng

RT: 23.21 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502

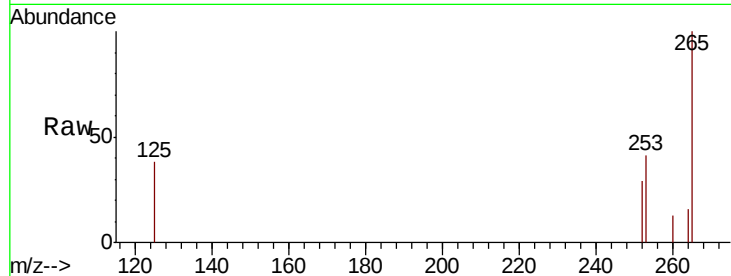
Tot Ion:252 Resp: 26

Ion Ratio Lower Upper

252 100

253 140.3 19.1 28.7#

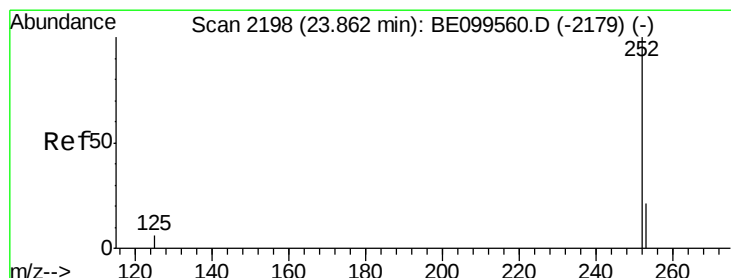
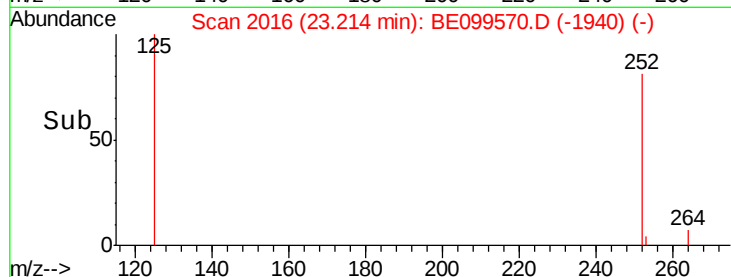
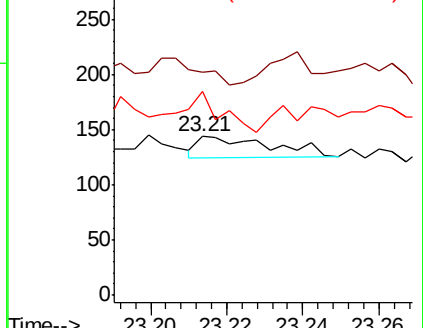
125 128.5 5.8 8.6#



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: 0.627 ng

RT: 23.84 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

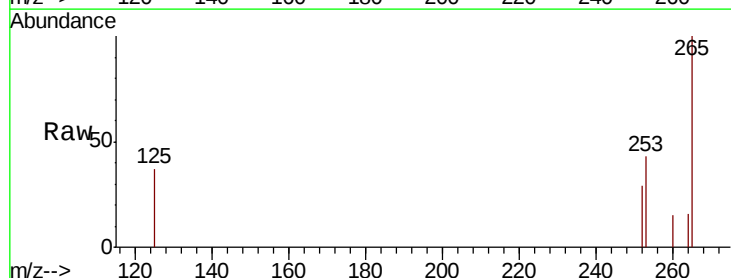
Tgt Ion:252 Resp: 5

Ion Ratio Lower Upper

252 100

253 149.3 18.9 28.3#

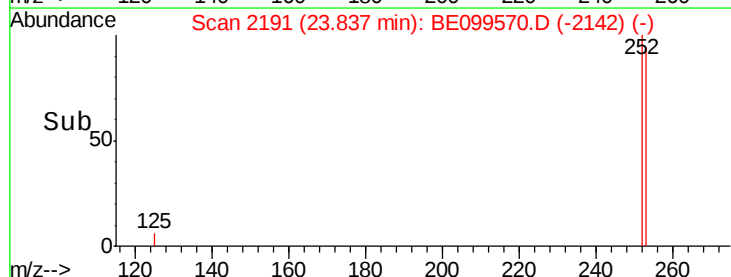
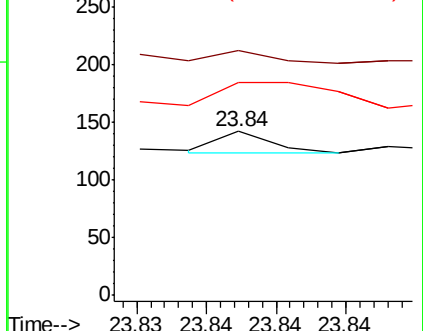
125 129.6 6.6 9.8#

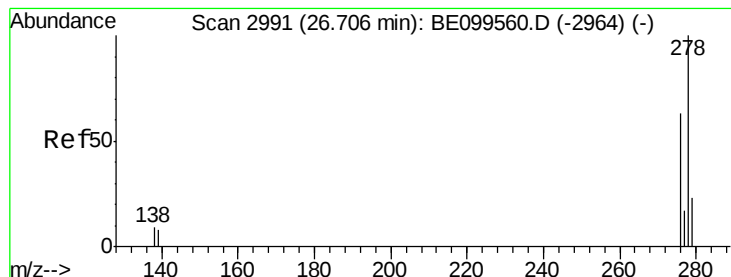


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.727 ng

RT: 26.69 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BE099570.D

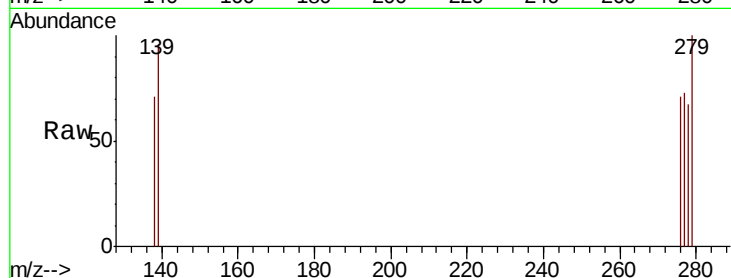
Acq: 7 May 2019 17:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-GW-20190502



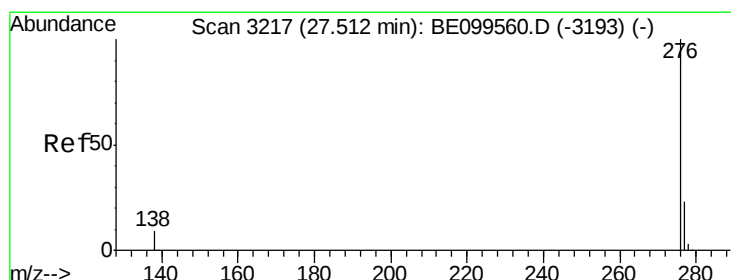
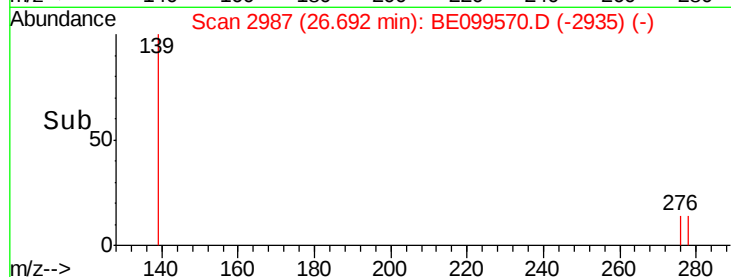
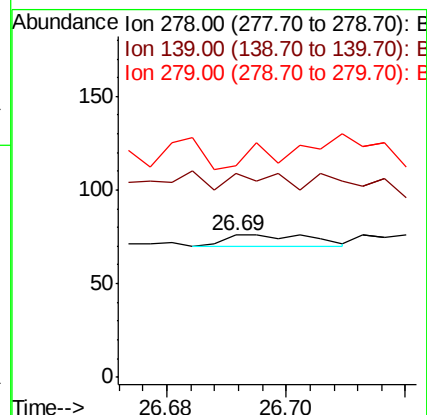
Tot Ion:278 Resp: 6

Ion Ratio Lower Upper

278 100

139 143.4 7.7 11.5#

279 148.7 21.0 31.4#



#39

Benzo(g,h,i)perylene

Concen: 1.331 ng

RT: 27.50 min Scan# 3214

Delta R.T. -0.01 min

Lab File: BE099570.D

Acq: 7 May 2019 17:59

Tgt Ion:276 Resp: 11

Ion Ratio Lower Upper

276 100

277 105.7 19.7 29.5#

138 103.4 8.6 12.8#

