

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099862.D
 Acq On : 7 Jun 2019 20:52
 Operator : JU/SJ
 Sample : K3221-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190605

Quant Time: Jun 08 04:33:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 07 15:25:21 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	840	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2854	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2195	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6606	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10255	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12060	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	395	0.14	ng	0.00
5) Phenol-d6	6.97	99	303	0.09	ng	0.01
8) Nitrobenzene-d5	8.98	82	1078	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1765	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	637	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2919	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	36659	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	8194	0.43	ng	-0.01

Target Compounds

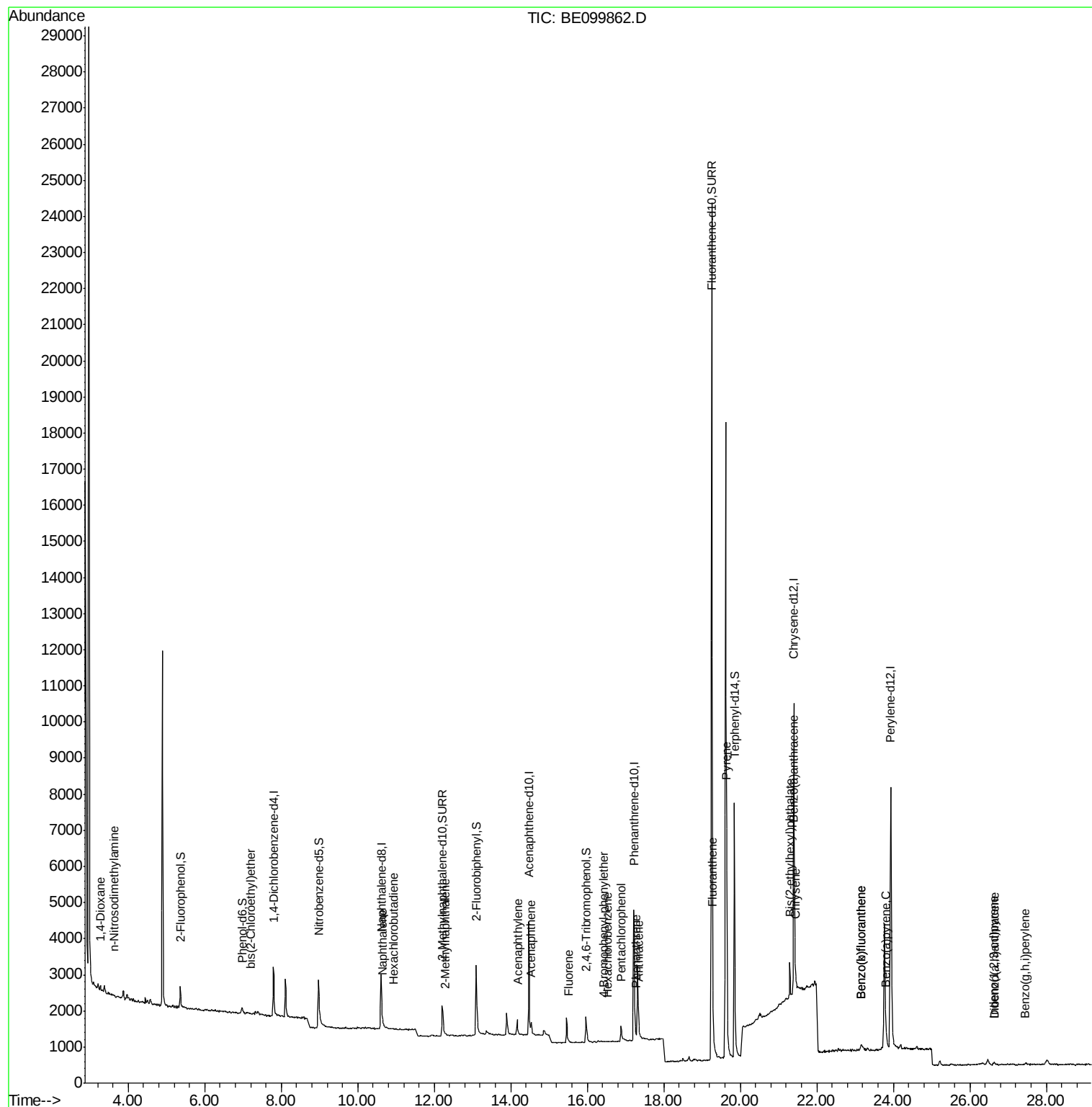
						Qvalue
2) 1,4-Dioxane	3.28	88	75	0.044	ng	# 1
3) n-Nitrosodimethylamine	3.63	42	5	0.006	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	7	0.003	ng	# 42
9) Naphthalene	10.65	128	206	0.007	ng	# 49
10) Hexachlorobutadiene	10.94	225	8	0.004	ng	# 60
12) 2-Methylnaphthalene	12.28	142	18	0.003	ng	# 55
16) Acenaphthylene	14.18	152	9	0.001	ng	# 61
17) Acenaphthene	14.53	154	202	0.034	ng	95
18) Fluorene	15.51	166	10	0.001	ng	# 8
20) 4-Bromophenyl-phenylether	16.42	248	6	0.002	ng	# 65
21) Hexachlorobenzene	16.52	284	7	0.002	ng	# 1
22) Pentachlorophenol	16.88	266	414	0.535	ng	89
23) Phenanthrene	17.27	178	85	0.005	ng	# 35
24) Anthracene	17.35	178	16	0.001	ng	# 12
26) Fluoranthene	19.28	202	164	0.006	ng	96
28) Pyrene	19.64	202	5708	0.210	ng	99
30) Benzo(a)anthracene	21.39	228	184	0.006	ng	# 5
31) Chrysene	21.44	228	155	0.005	ng	# 11
32) Bis(2-ethylhexyl)phthalate	21.29	149	1231	0.023	ng	# 91
33) Indeno(1,2,3-cd)pyrene	26.63	276	7	0.000	ng	# 8
35) Benzo(b)fluoranthene	23.16	252	269	0.008	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	269	0.008	ng	# 1
37) Benzo(a)pyrene	23.82	252	116	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	30	0.001	ng	# 1

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

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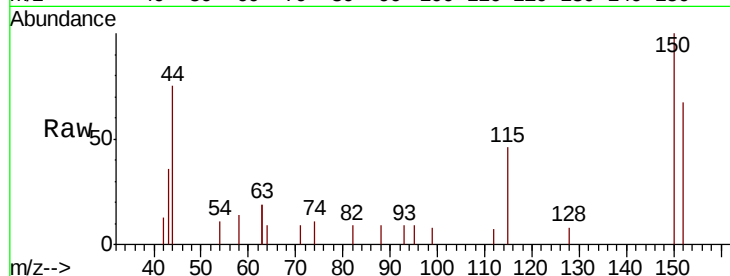


#1

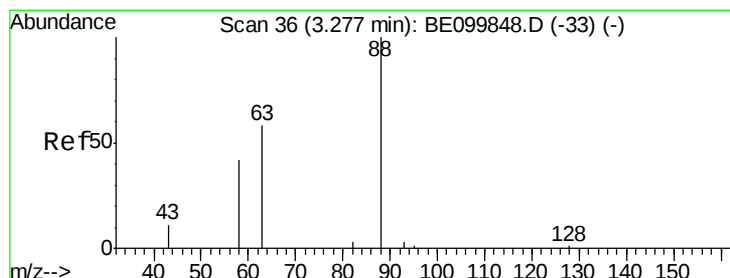
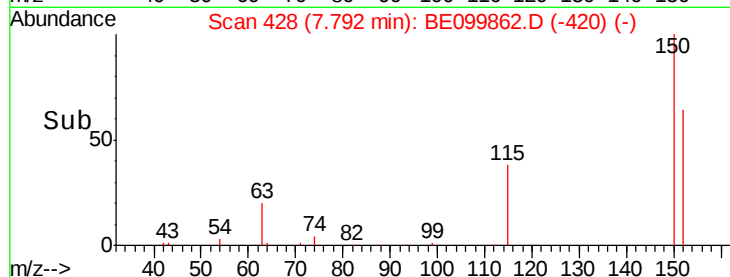
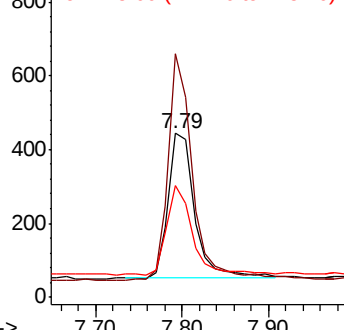
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-DUP02-20190605

Tgt Ion: 152 Resp: 840
Ion Ratio Lower Upper
152 100
150 148.4 112.8 169.2
115 67.8 47.6 71.4



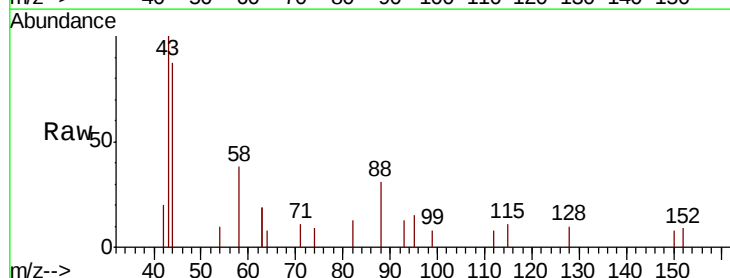
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



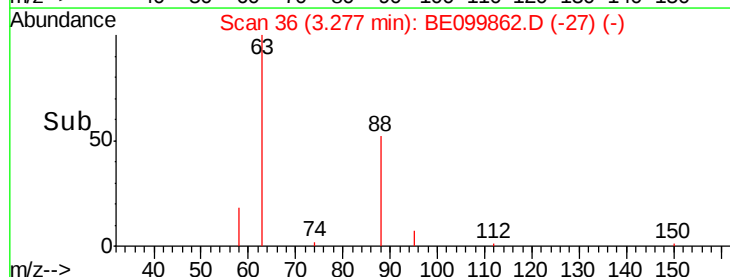
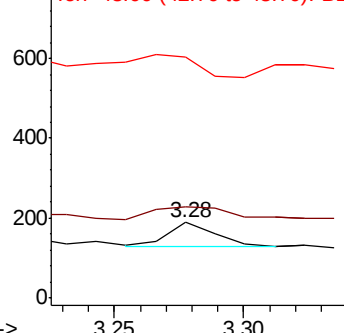
#2

1,4-Dioxane
Concen: 0.044 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
58 92.0 47.3 70.9#
43 141.3 18.2 27.4#



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: 0.006 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.02 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

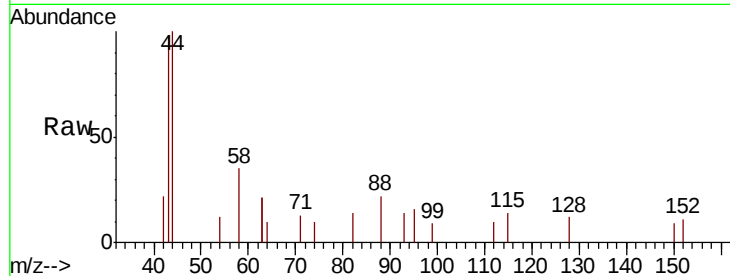
Instrument :

BNA_E

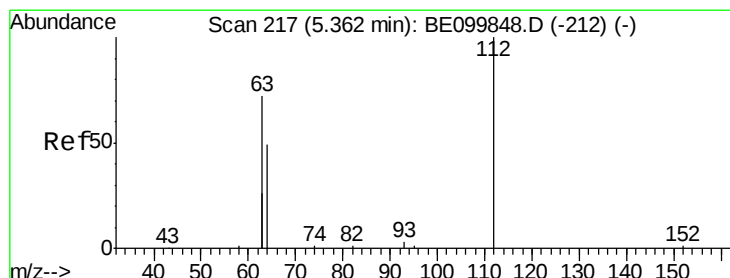
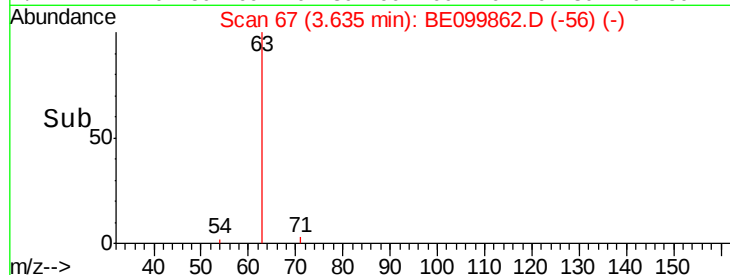
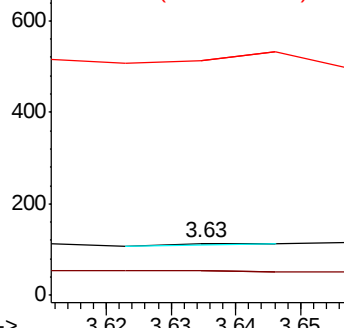
ClientSampleId :

BP-DUP02-20190605

Tgt Ion:	42	Resp:	5
Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	700.0	13.4	20.0#



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: 0.140 ng

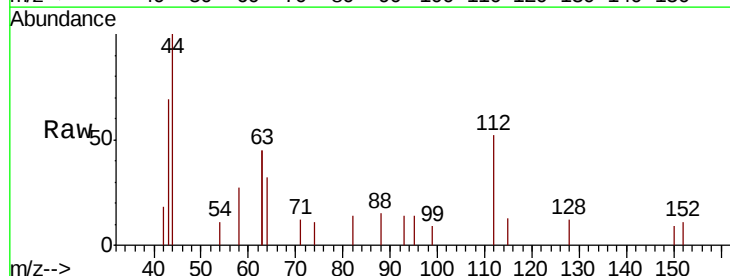
RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

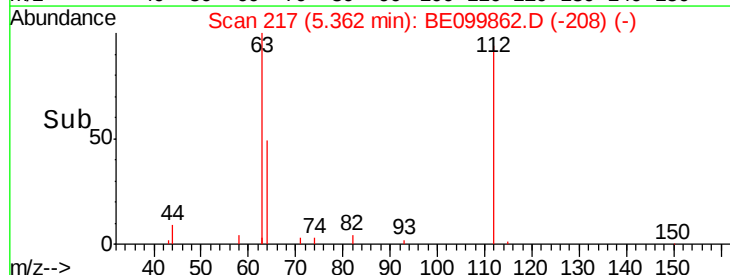
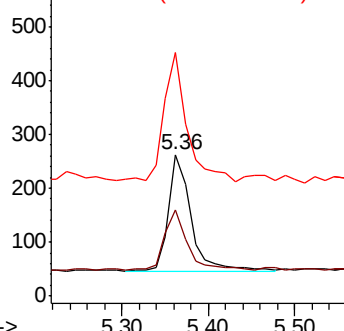
Lab File: BE099862.D

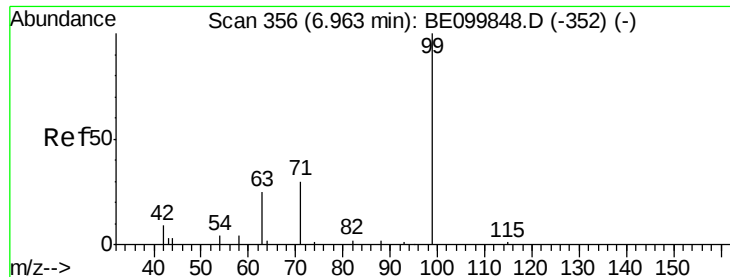
Acq: 7 Jun 2019 20:52

Tgt Ion:	112	Resp:	395
Ion	Ratio	Lower	Upper
112	100		
64	50.1	47.2	70.8
63	112.9	90.7	136.1



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: 0.087 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

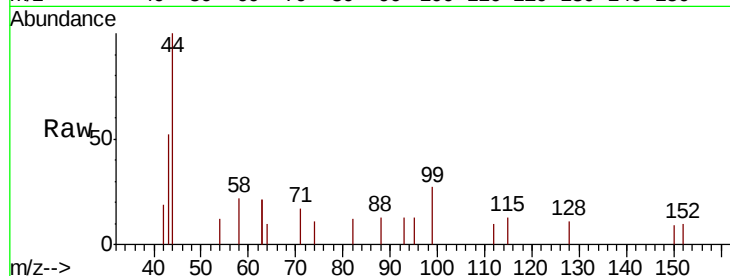
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

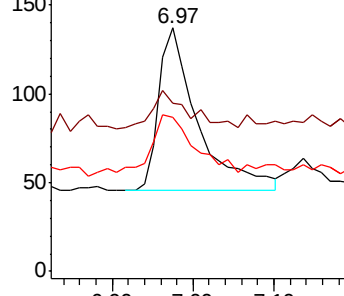
71 44.6 26.1 39.1#



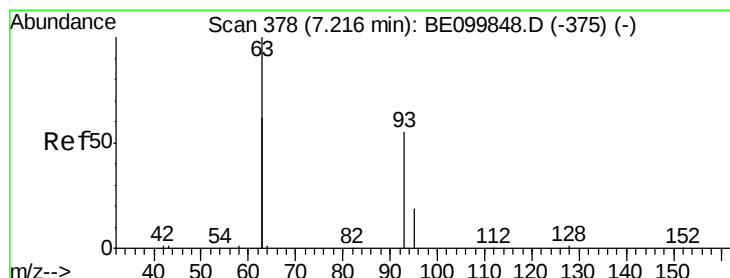
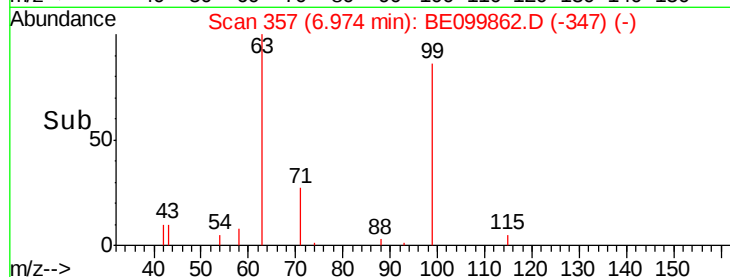
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.03 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

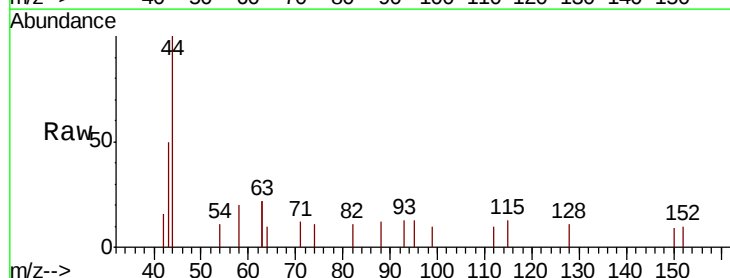
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 157.1 208.8 313.2#

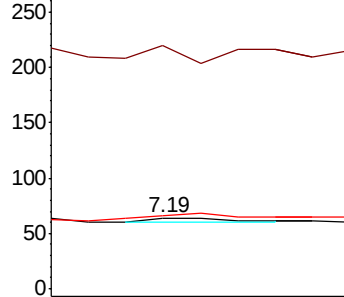
95 0.0 27.6 41.4#



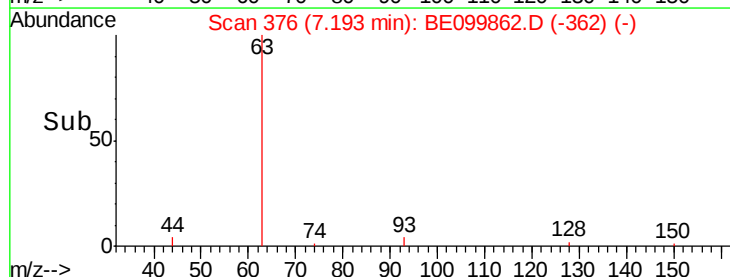
Abundance Ion 93.00 (92.70 to 93.70): BE0

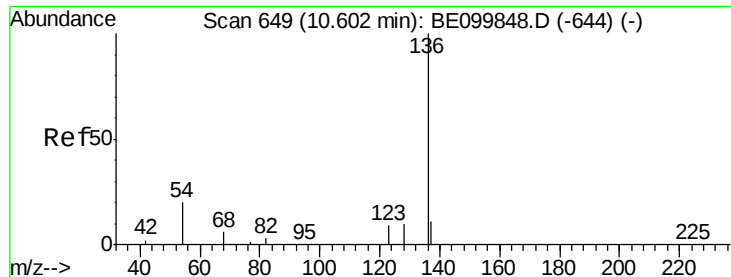
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

Tgt Ion: 136 Resp: 2854

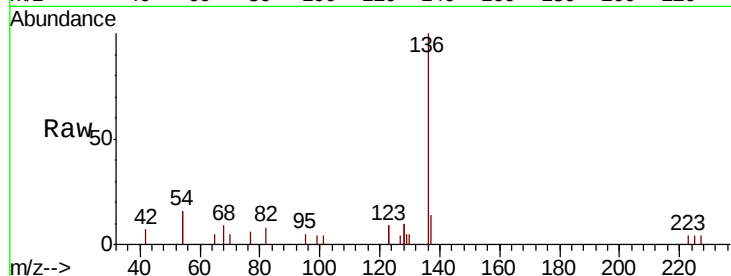
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 31.9 17.9 26.9#

68 9.1 5.4 8.0#

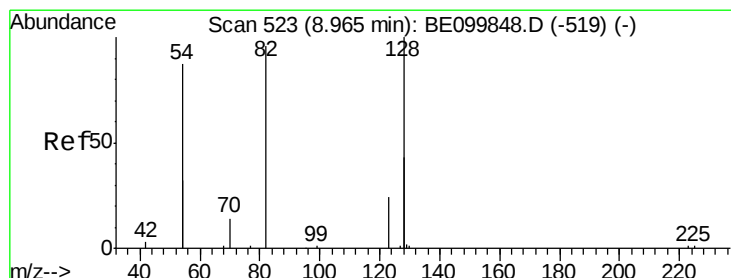
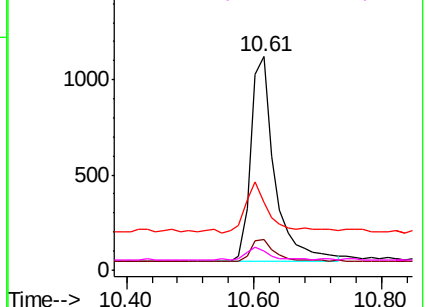
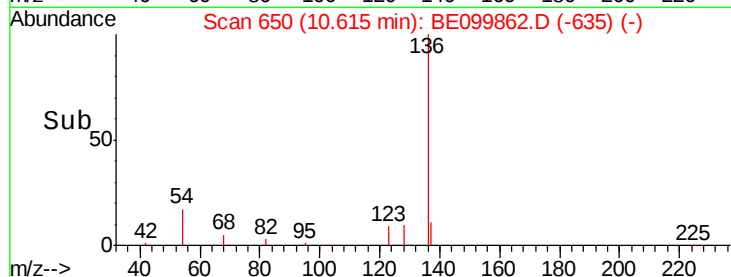


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE099862.D

Acq: 7 Jun 2019 20:52

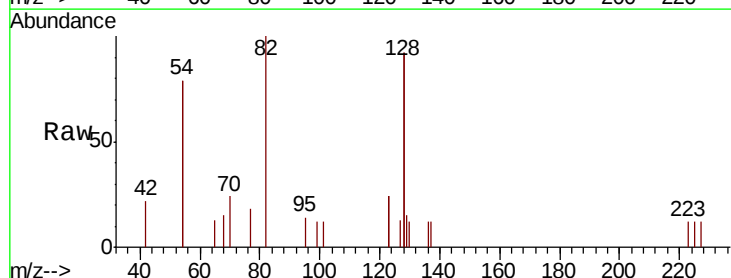
Tgt Ion: 82 Resp: 1078

Ion Ratio Lower Upper

82 100

128 183.2 116.6 175.0#

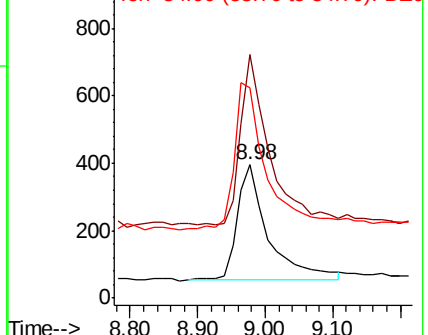
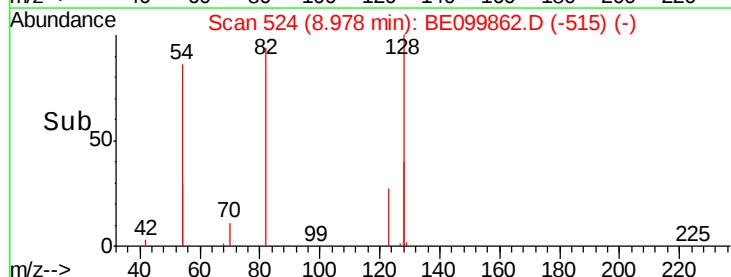
54 157.9 136.2 204.4

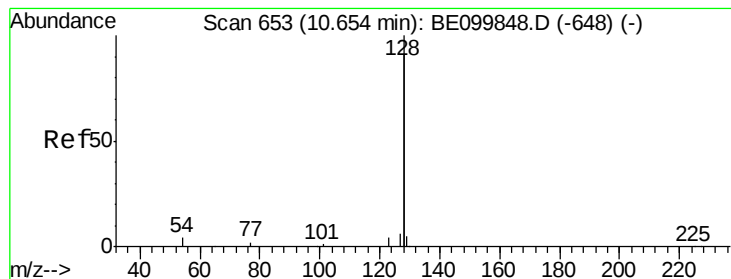


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.007 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

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ClientSampleId :

BP-DUP02-20190605

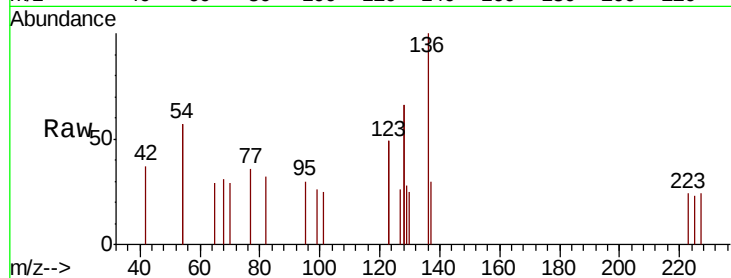
Tgt Ion:128 Resp: 206

Ion Ratio Lower Upper

128 100

129 20.9 2.6 4.0#

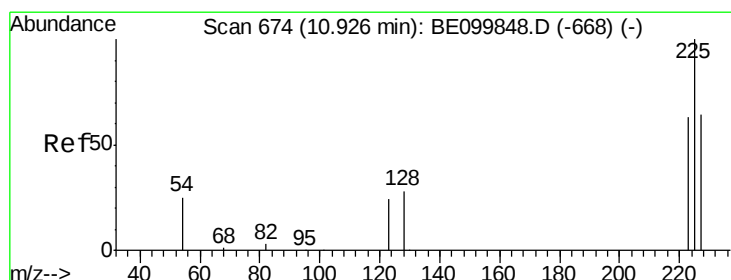
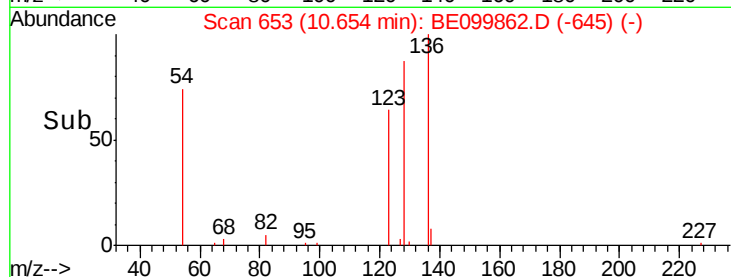
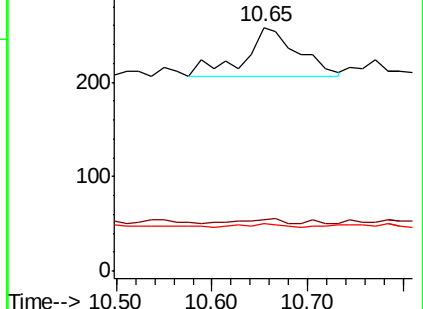
127 19.8 3.0 4.6#



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



#10

Hexachlorobutadiene

Concen: 0.004 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

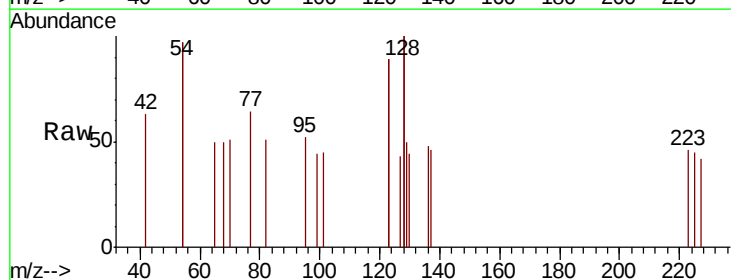
Tgt Ion:225 Resp: 8

Ion Ratio Lower Upper

225 100

223 0.0 48.6 72.8#

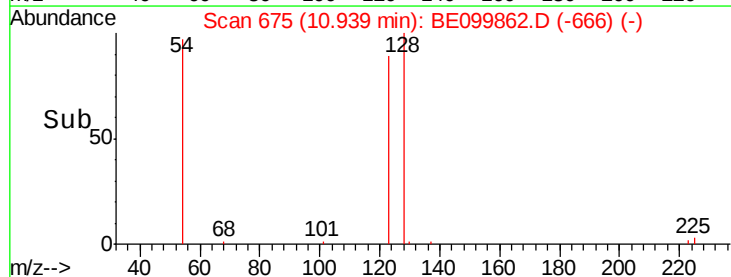
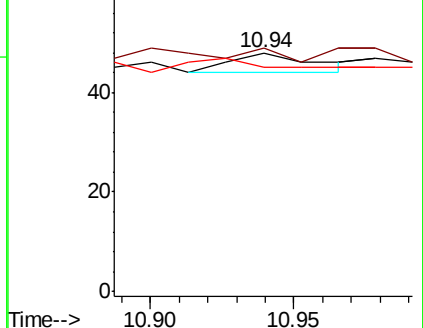
227 62.5 51.6 77.4

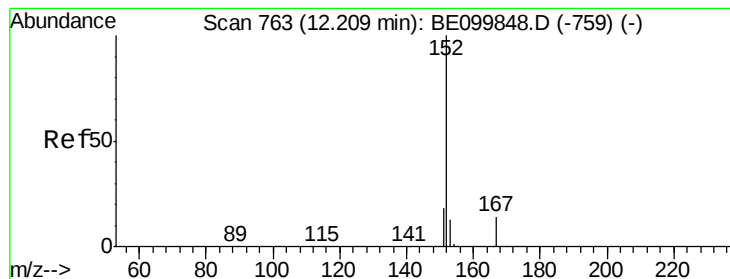


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

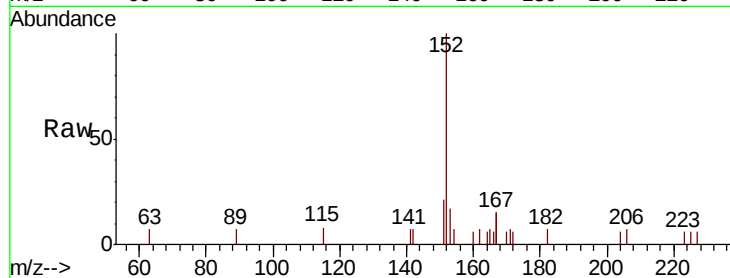
BP-DUP02-20190605

Tgt Ion:152 Resp: 1765

Ion Ratio Lower Upper

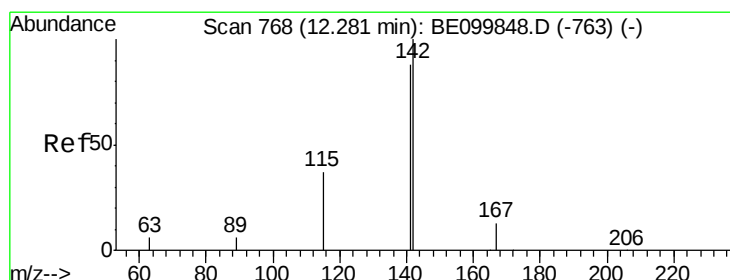
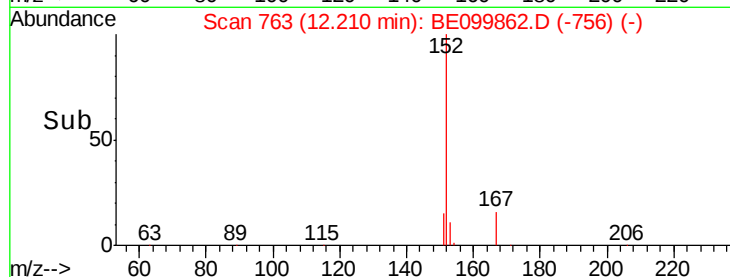
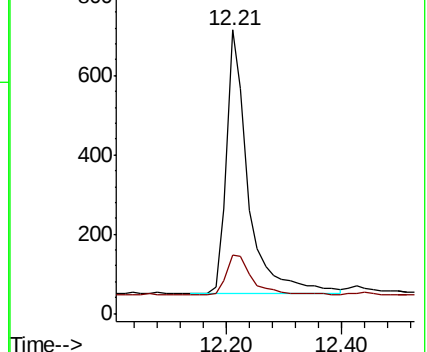
152 100

151 18.5 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.003 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

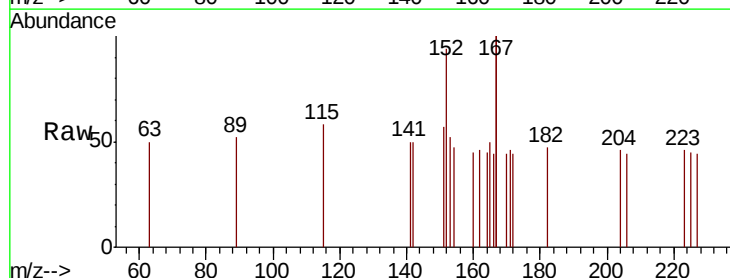
Tgt Ion:142 Resp: 18

Ion Ratio Lower Upper

142 100

141 102.0 73.3 109.9

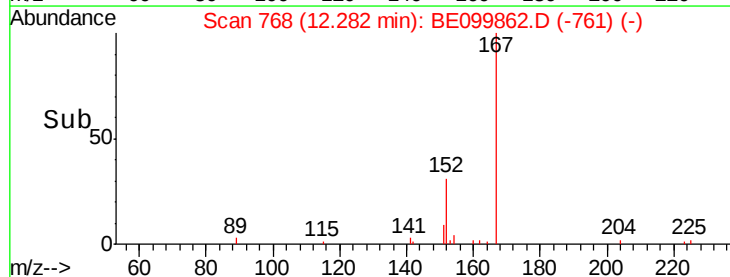
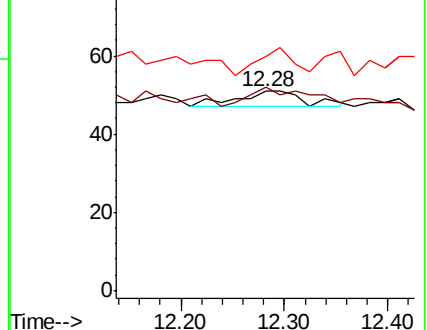
115 117.6 33.4 50.2#

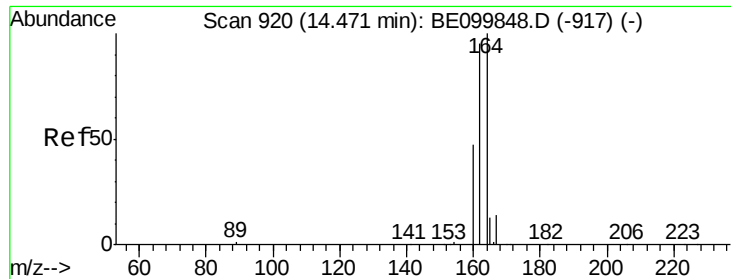


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

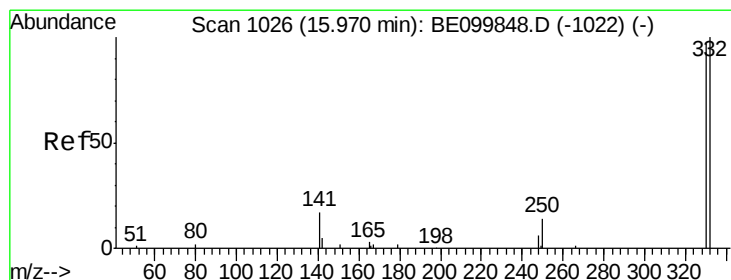
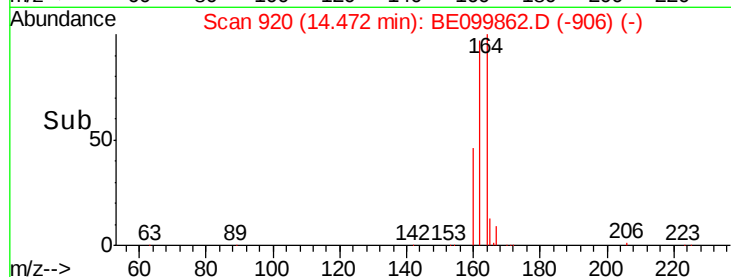
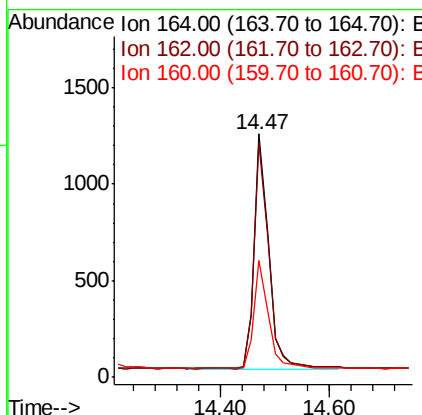
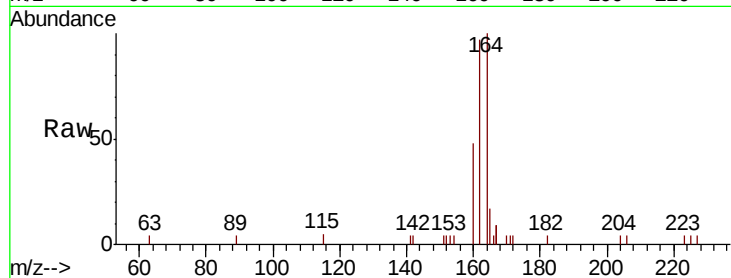




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

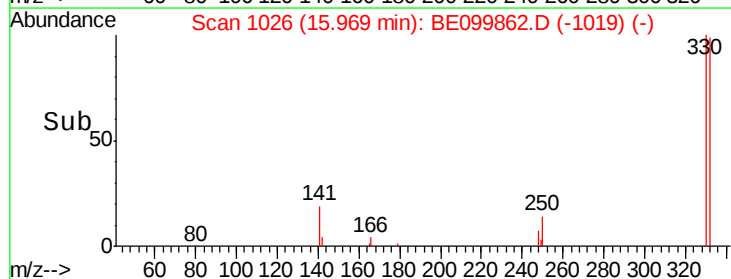
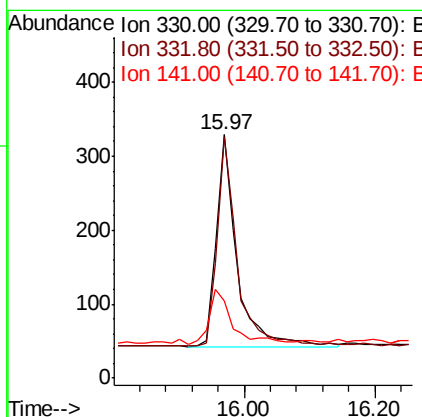
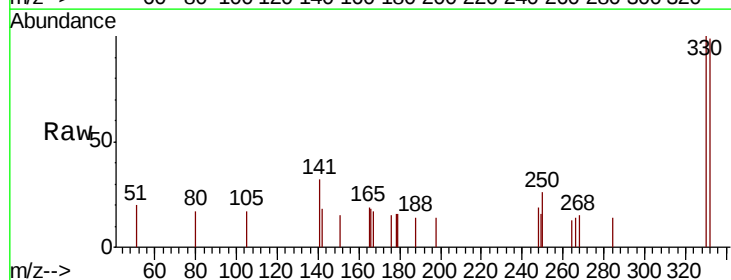
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190605

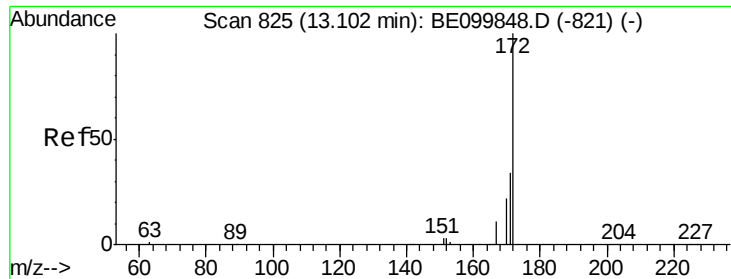
Tgt Ion:164 Resp: 2195
 Ion Ratio Lower Upper
 164 100
 162 96.6 77.2 115.8
 160 47.9 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

Tgt Ion:330 Resp: 637
 Ion Ratio Lower Upper
 330 100
 332 95.0 74.9 112.3
 141 27.9 16.0 24.0#

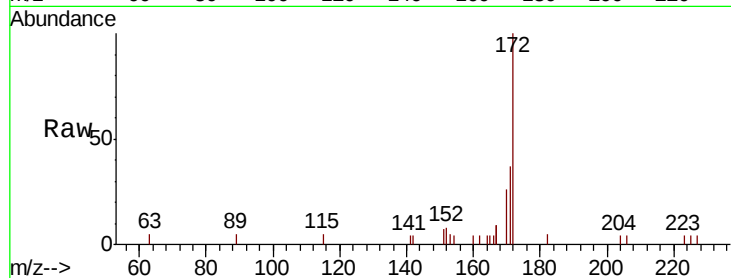




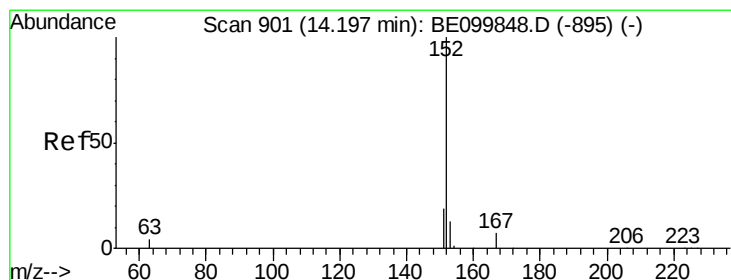
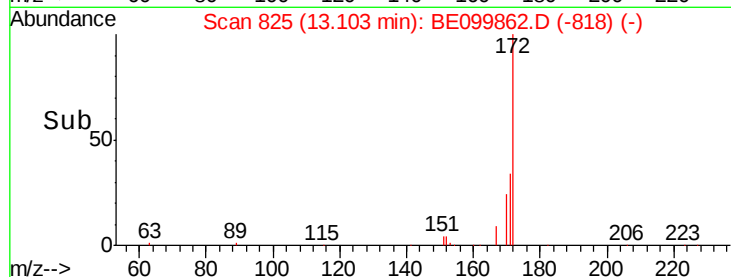
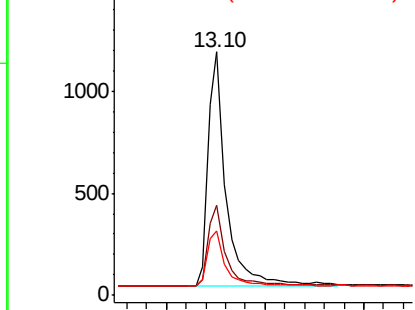
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-DUP02-20190605

Tgt Ion:172 Resp: 2919
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.4
170 26.5 20.1 30.1

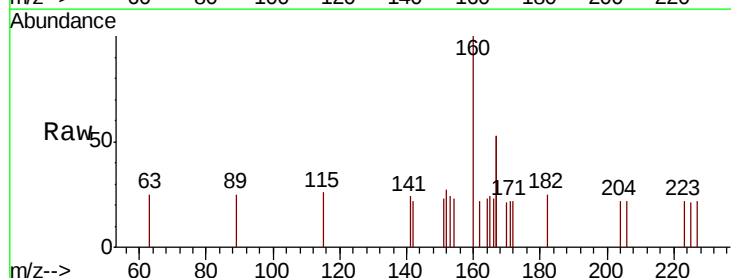


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

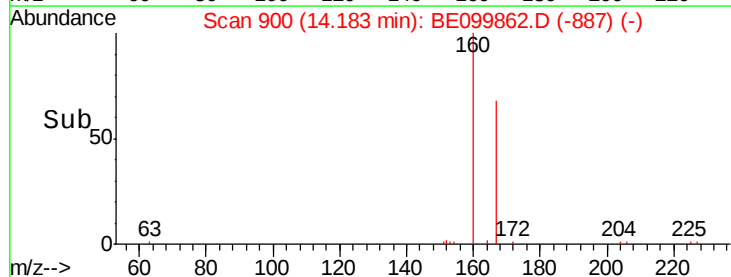
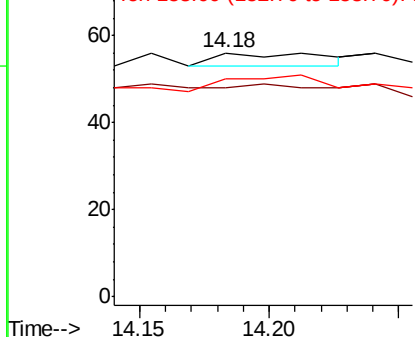


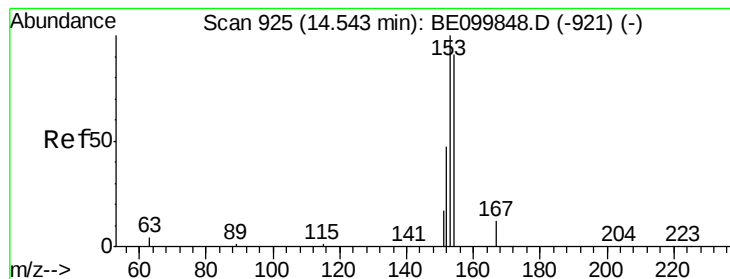
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Tgt Ion:152 Resp: 9
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 0.0 10.8 16.2#



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: 0.034 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

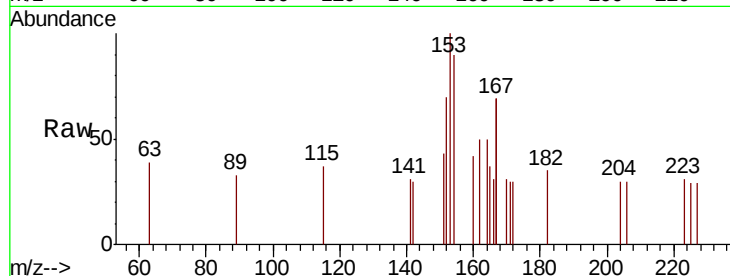
Tgt Ion:154 Resp: 202

Ion Ratio Lower Upper

154 100

153 109.4 93.8 140.6

152 61.9 48.3 72.5

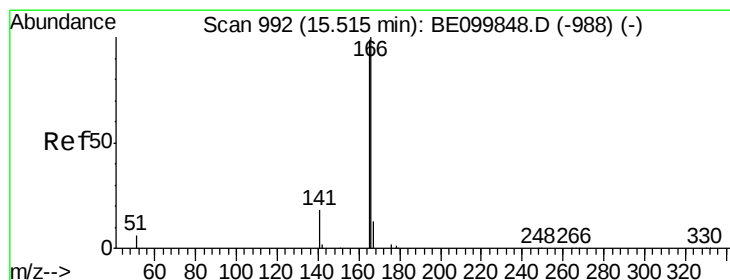
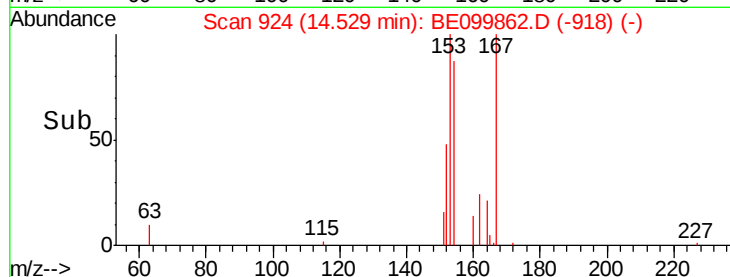
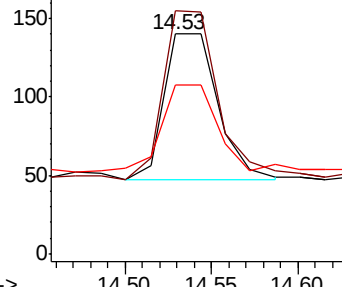


Abundance

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: 0.001 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

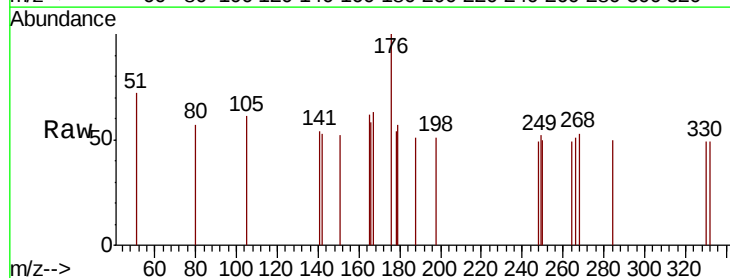
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 0.0 80.4 120.6#

167 0.0 10.7 16.1#

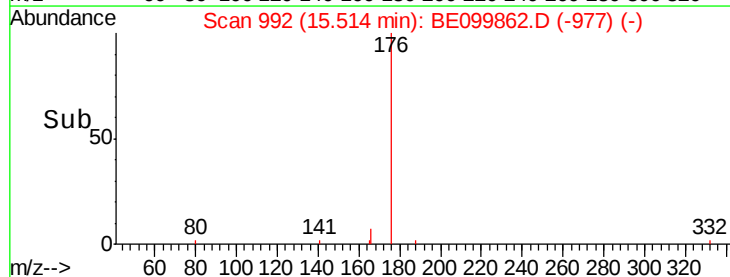
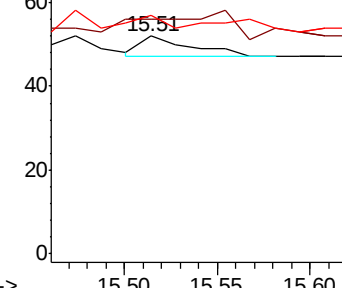


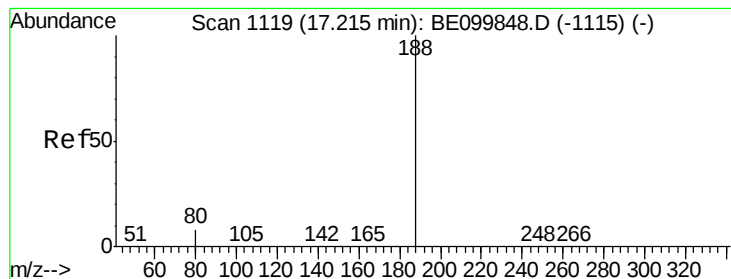
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

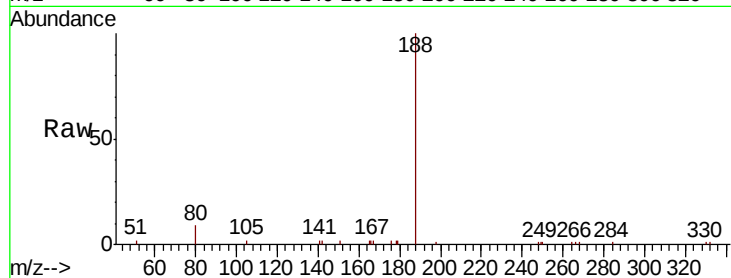
Tgt Ion:188 Resp: 6606

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

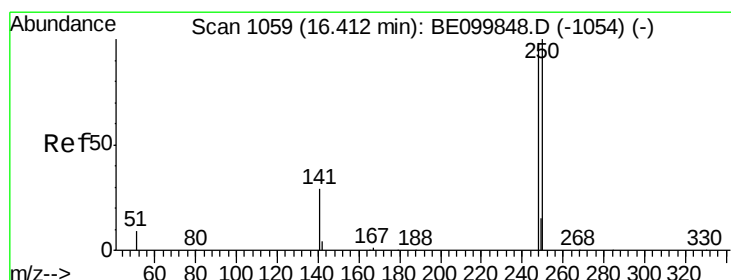
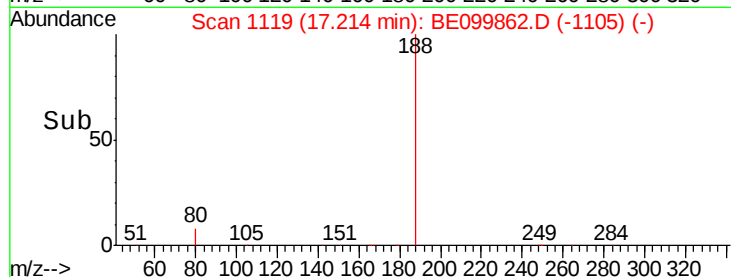
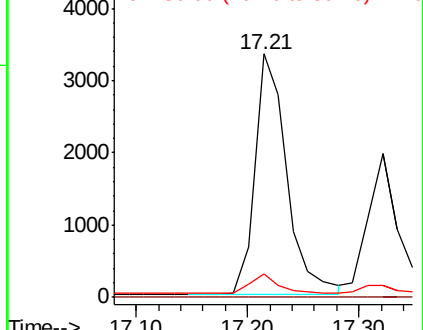
80 9.5 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

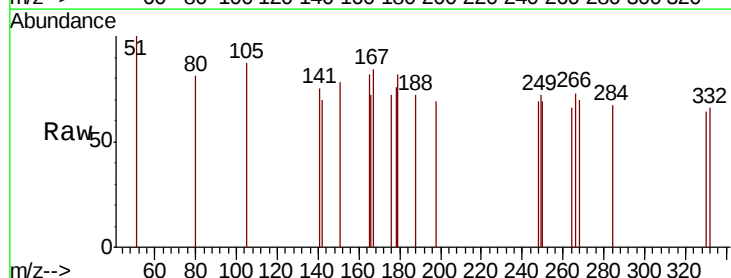
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 100.0 73.7 110.5

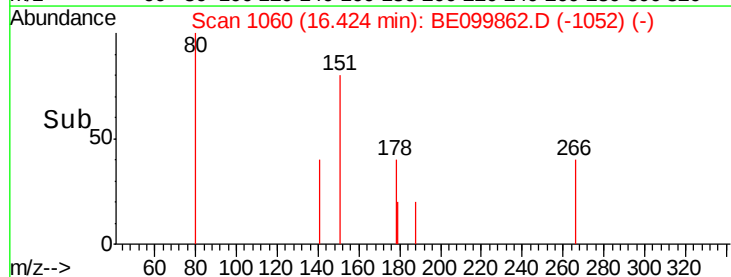
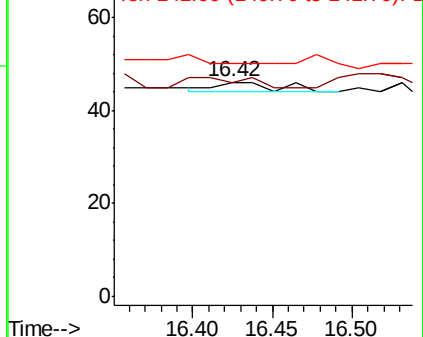
141 108.7 40.9 61.3#

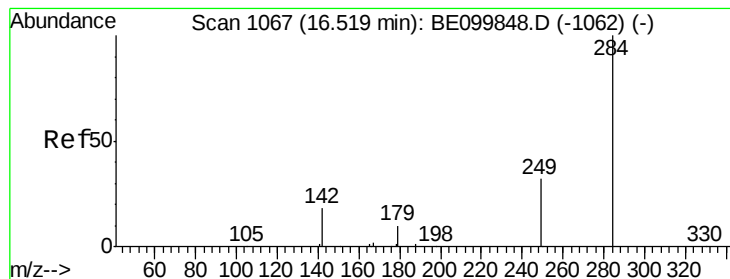


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

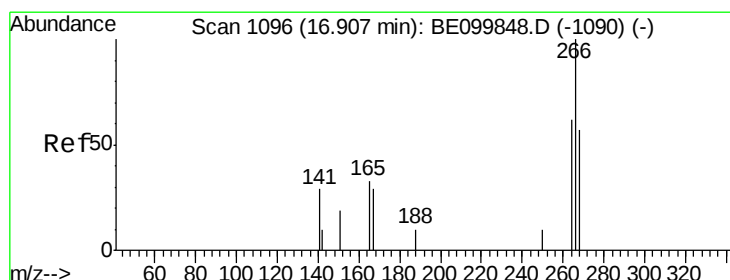
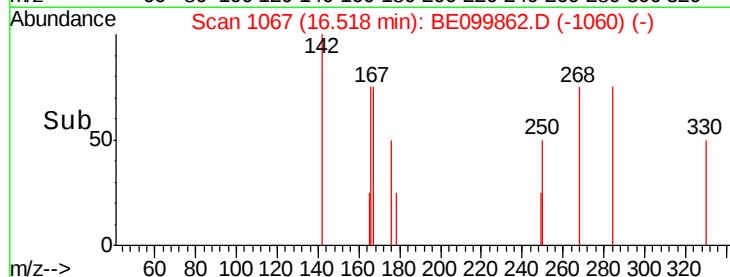
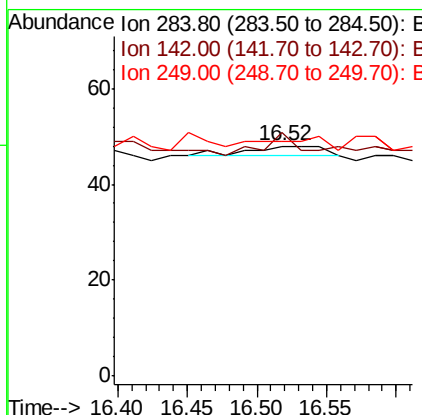
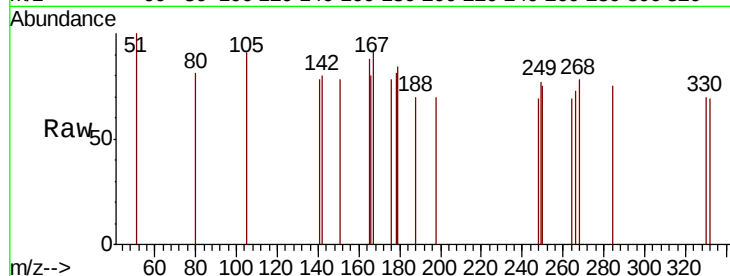
Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

Tgt Ion:	284	Resp:	7
Ion	Ratio	Lower	Upper
284	100		
142	114.3	16.2	24.4#
249	0.0	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.535 ng

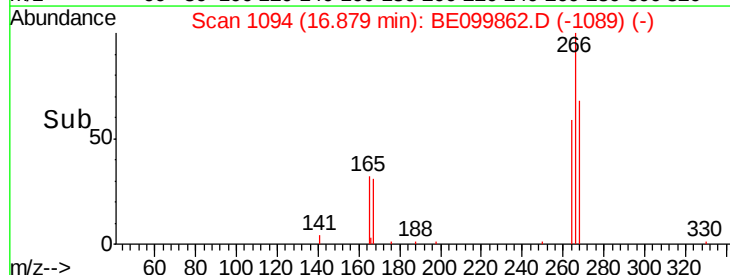
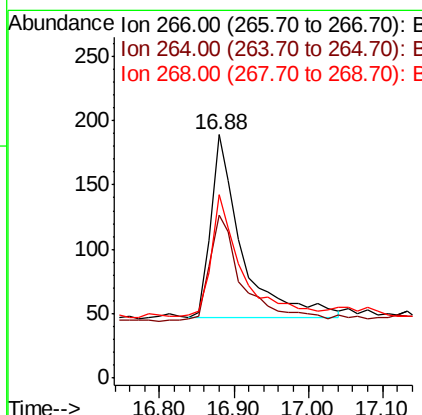
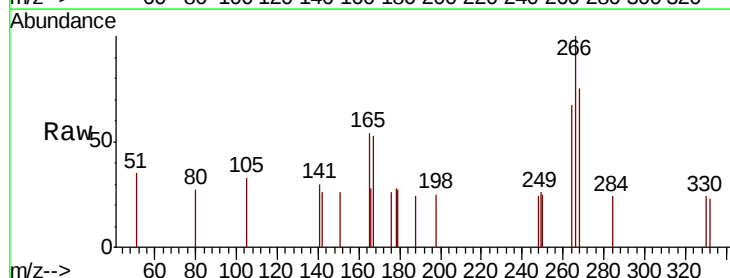
RT: 16.88 min Scan# 1094

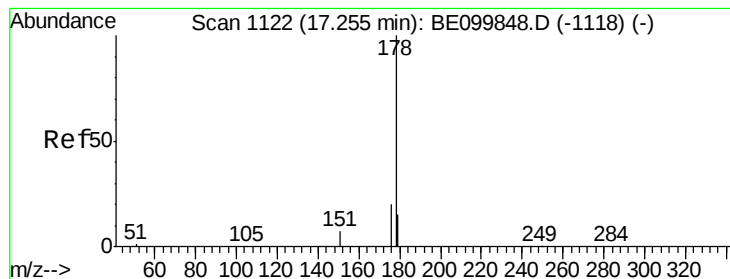
Delta R.T. -0.04 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Tgt Ion:	266	Resp:	414
Ion	Ratio	Lower	Upper
266	100		
264	67.2	64.9	97.3
268	75.1	64.0	96.0





#23

Phenanthrene

Concen: 0.005 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

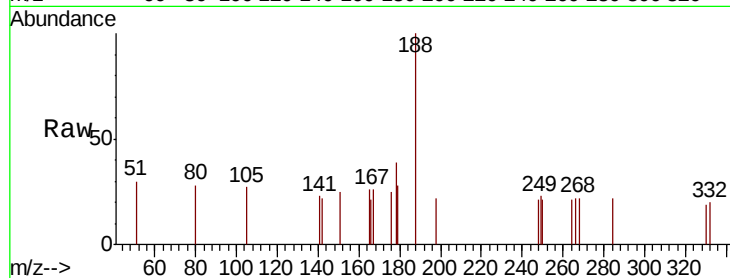
Tgt Ion:178 Resp: 85

Ion Ratio Lower Upper

178 100

176 21.2 15.4 23.0

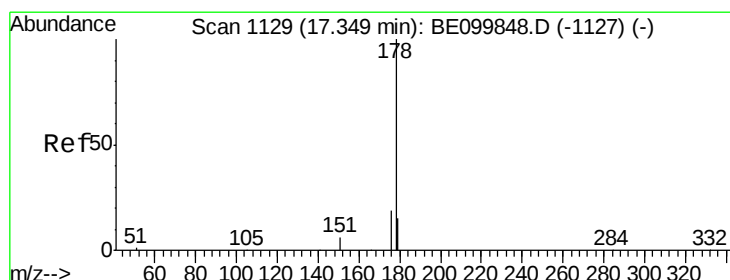
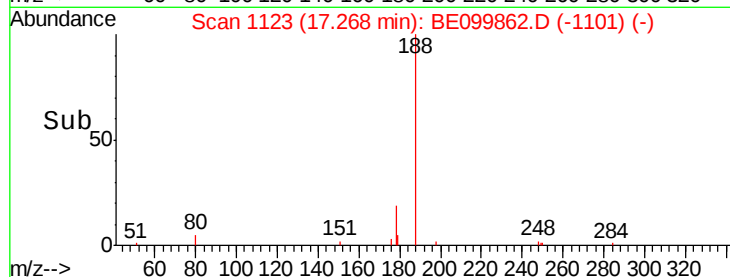
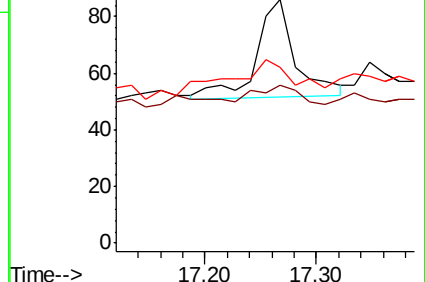
179 74.1 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

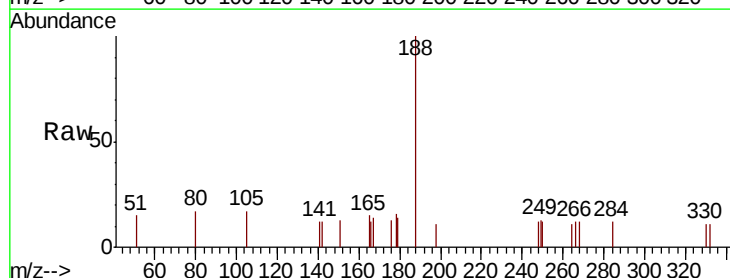
Tgt Ion:178 Resp: 16

Ion Ratio Lower Upper

178 100

176 43.8 15.1 22.7#

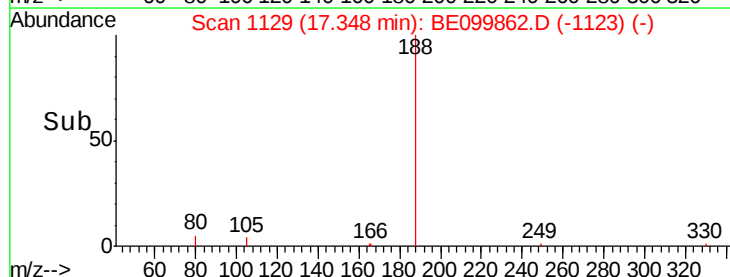
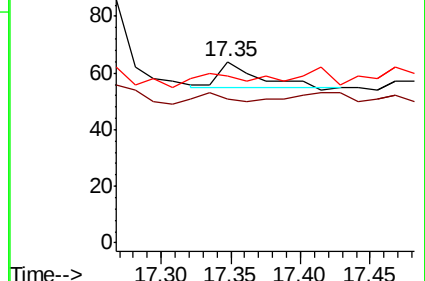
179 68.8 12.1 18.1#

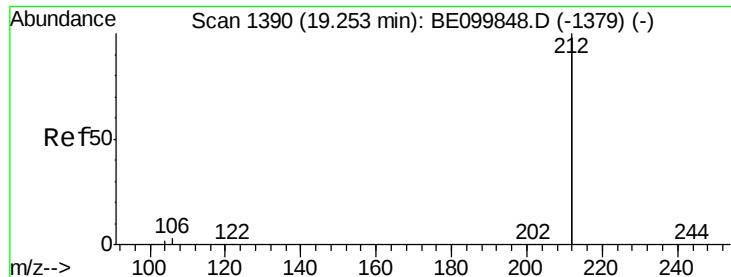


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

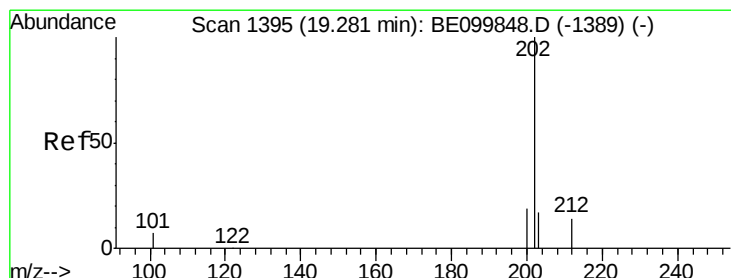
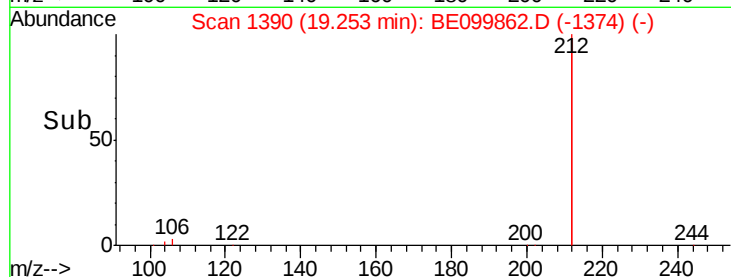
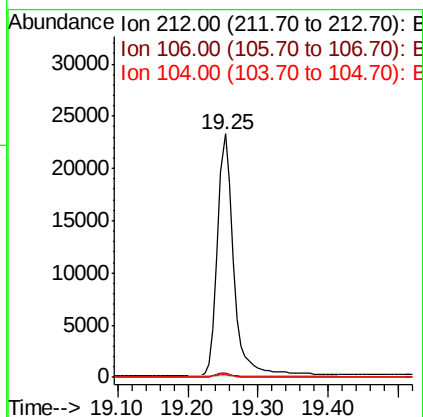
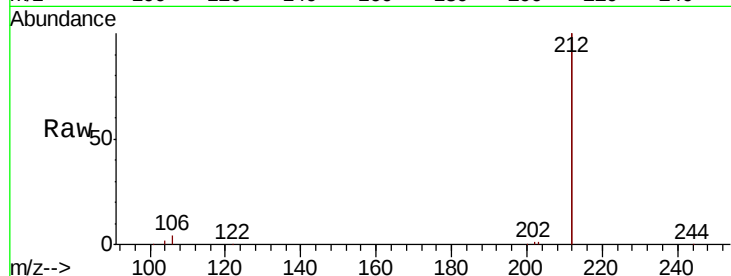




#25
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

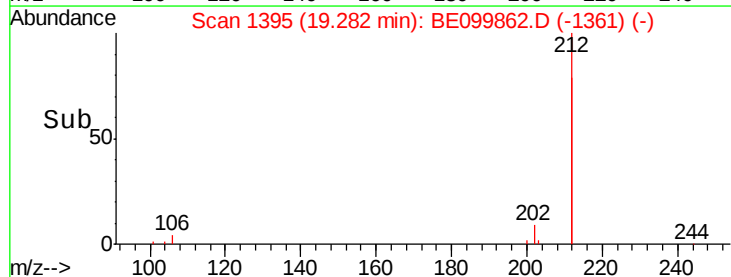
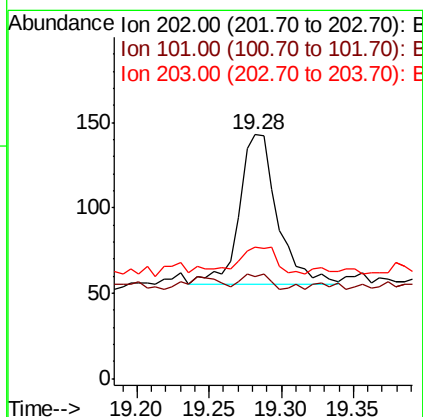
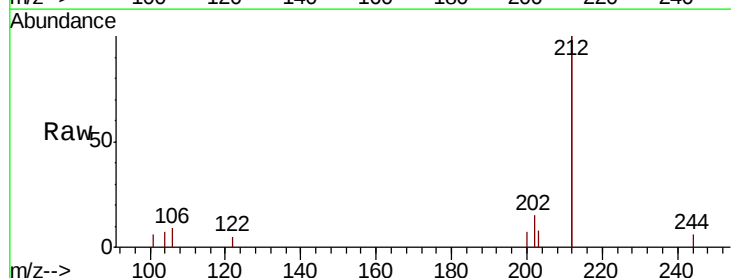
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190605

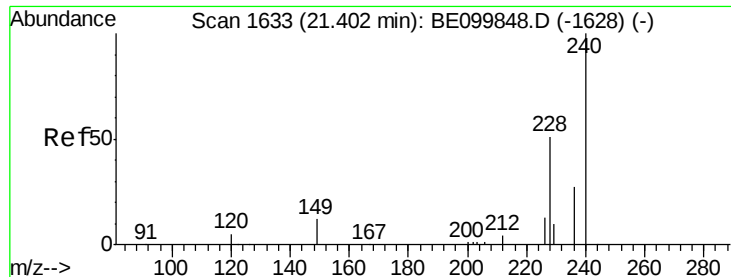
Tgt Ion: 212 Resp: 36659
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 0.006 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

Tgt Ion: 202 Resp: 164
 Ion Ratio Lower Upper
 202 100
 101 7.3 5.2 7.8
 203 18.9 13.6 20.4

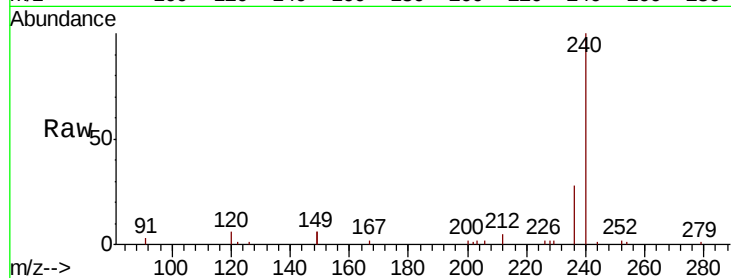




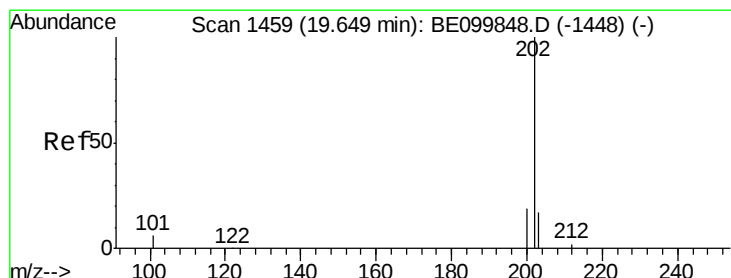
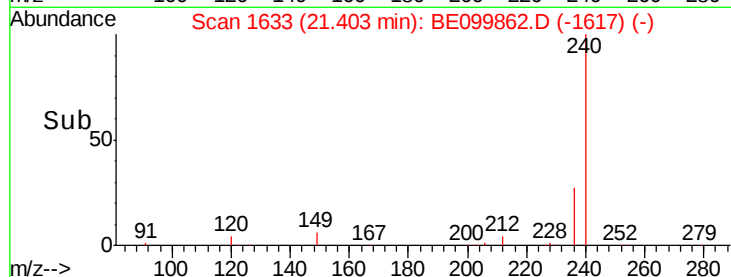
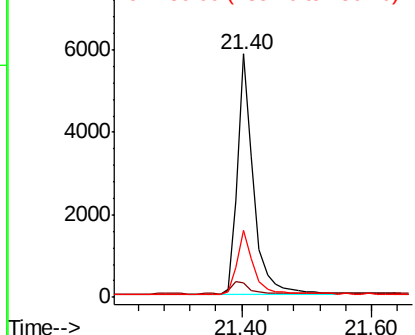
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-DUP02-20190605

Tgt Ion:240 Resp: 10255
Ion Ratio Lower Upper
240 100
120 5.8 2.8 4.2#
236 27.8 20.9 31.3

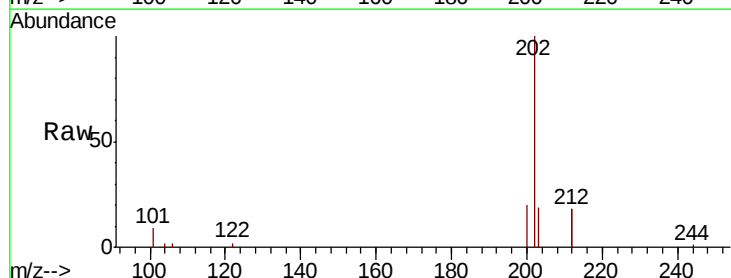


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

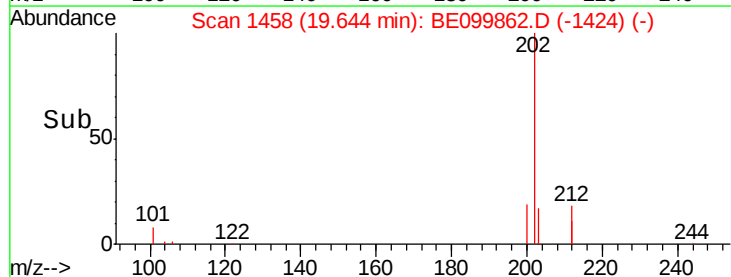
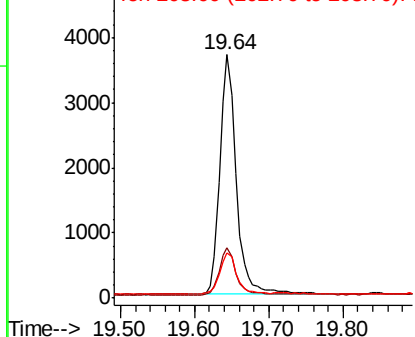


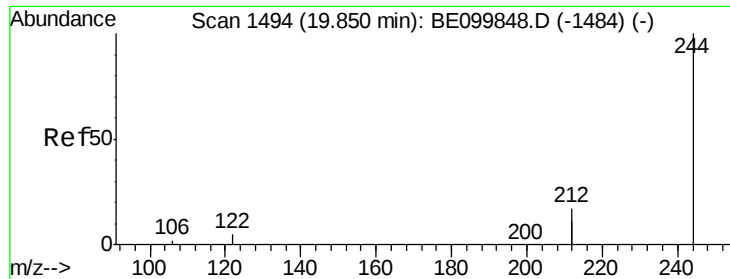
#28
Pyrene
Concen: 0.210 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Tgt Ion:202 Resp: 5708
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 17.6 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: 0.429 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

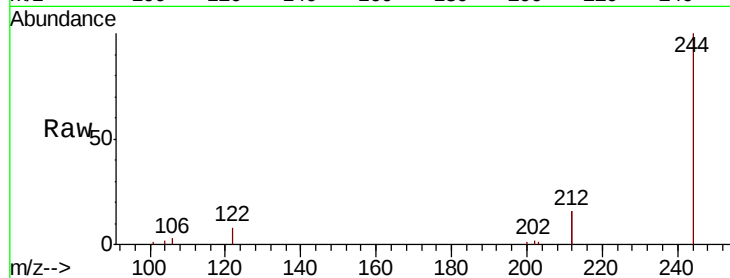
Tgt Ion:244 Resp: 8194

Ion Ratio Lower Upper

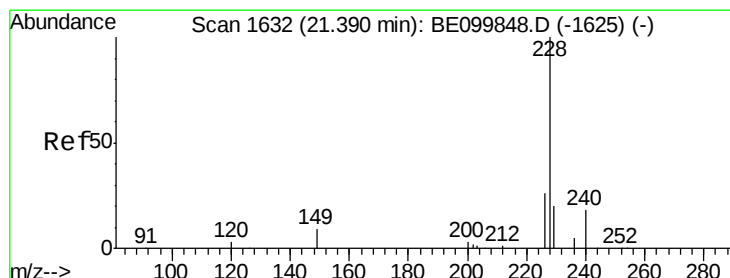
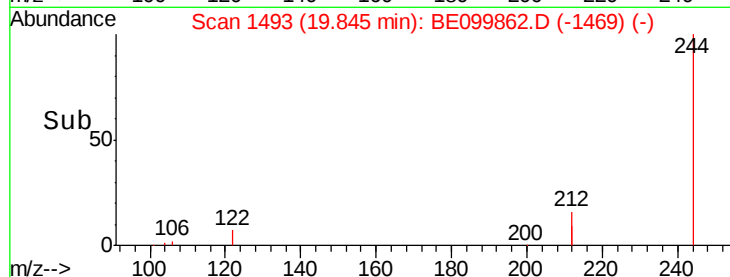
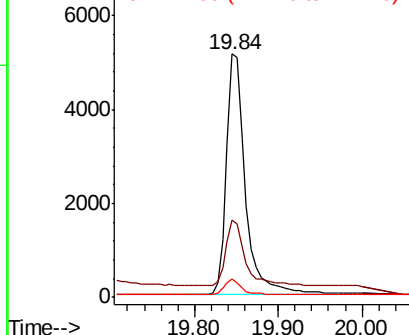
244 100

212 31.7 23.7 35.5

122 7.7 4.8 7.2#



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: 0.006 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

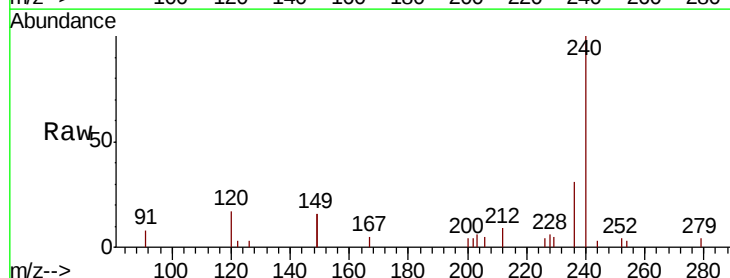
Tgt Ion:228 Resp: 184

Ion Ratio Lower Upper

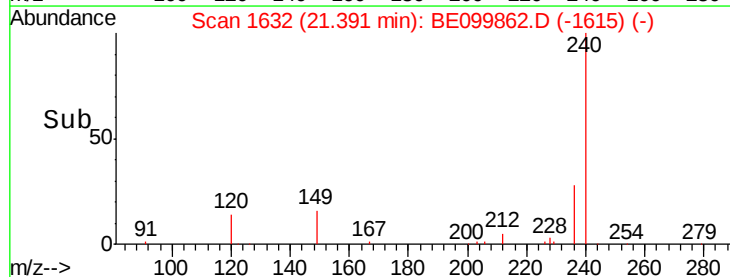
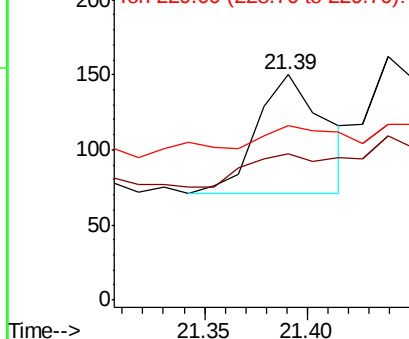
228 100

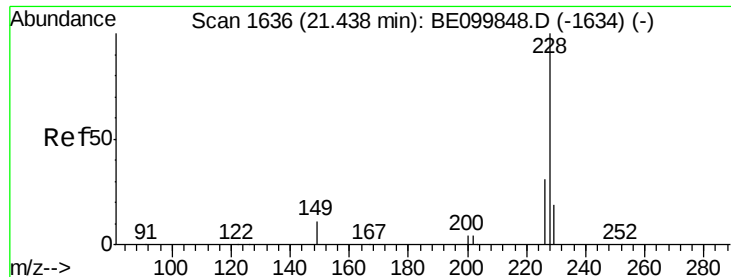
226 64.7 21.6 32.4#

229 77.3 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





#31

Chrysene

Concen: 0.005 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

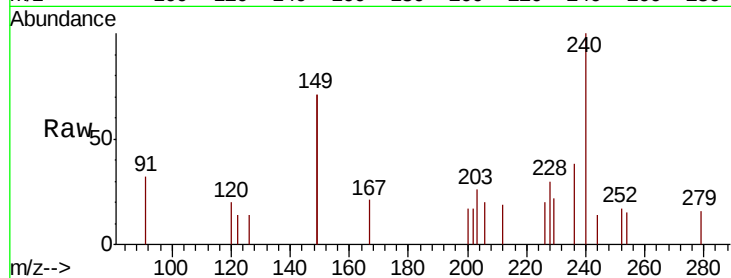
Tgt Ion:228 Resp: 155

Ion Ratio Lower Upper

228 100

226 67.3 22.9 34.3#

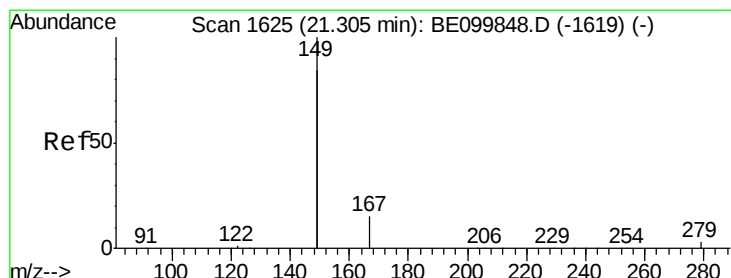
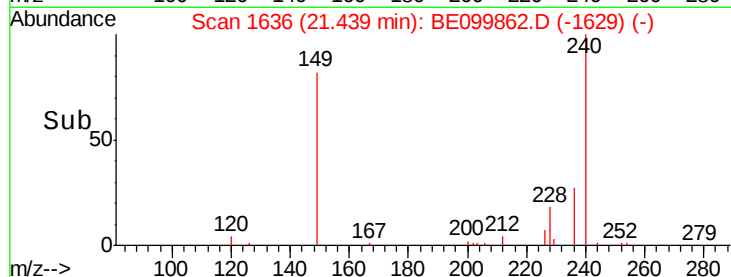
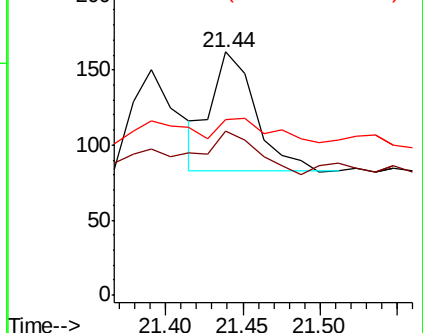
229 72.2 16.4 24.6#



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: 0.023 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

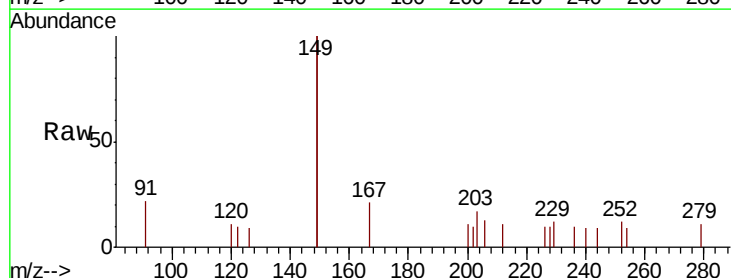
Tgt Ion:149 Resp: 1231

Ion Ratio Lower Upper

149 100

167 11.3 6.0 9.0#

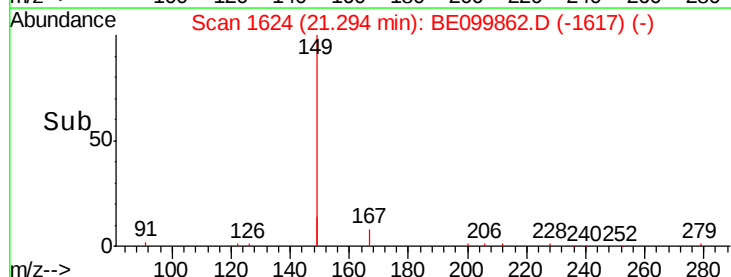
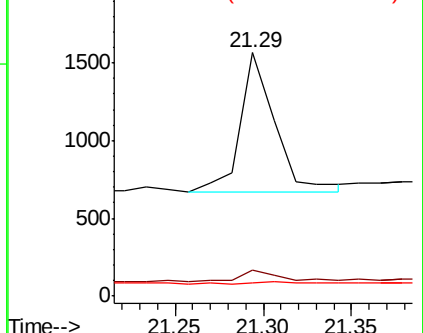
279 2.3 1.2 1.8#

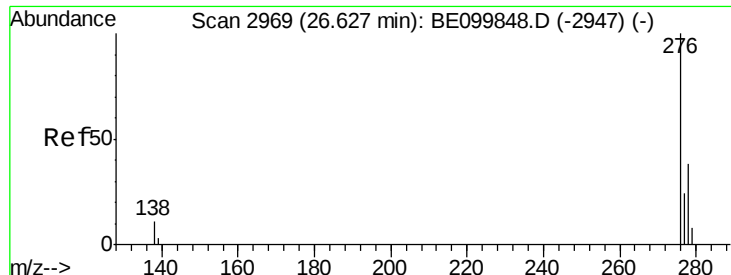


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BE099862.D

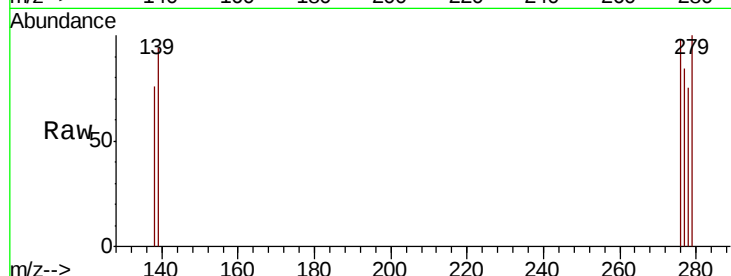
Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605



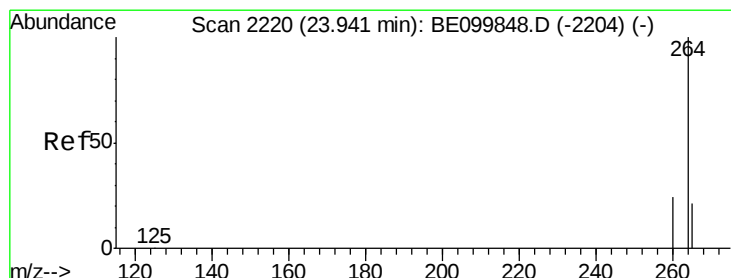
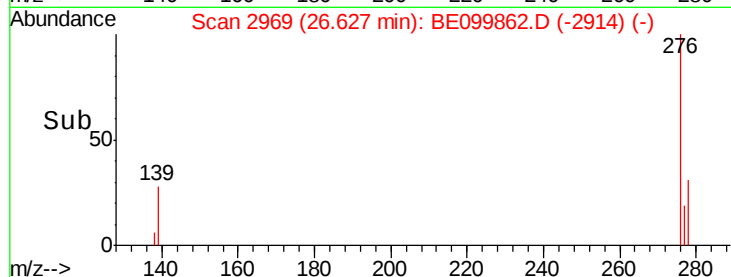
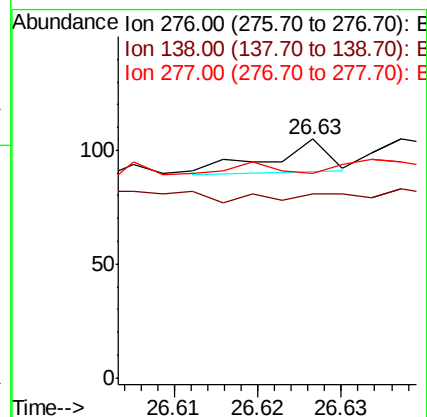
Tgt Ion:276 Resp: 7

Ion Ratio Lower Upper

276 100

138 0.0 10.3 15.5#

277 85.7 19.4 29.2#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

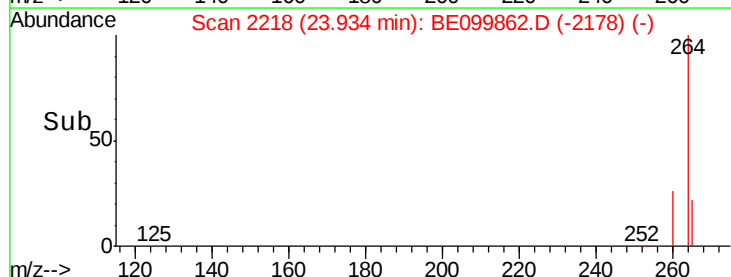
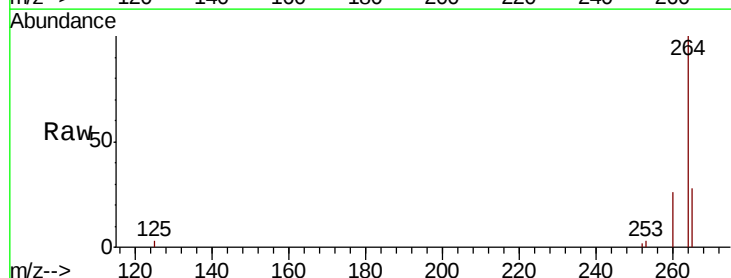
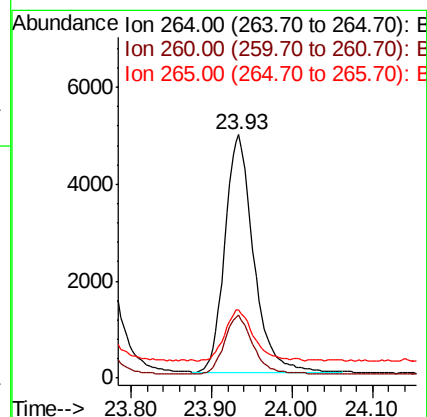
Tgt Ion:264 Resp: 12060

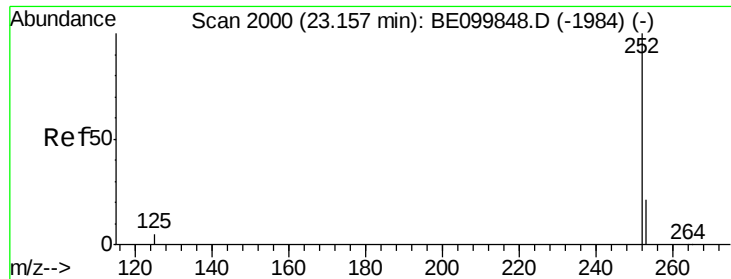
Ion Ratio Lower Upper

264 100

260 25.9 20.0 30.0

265 28.2 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

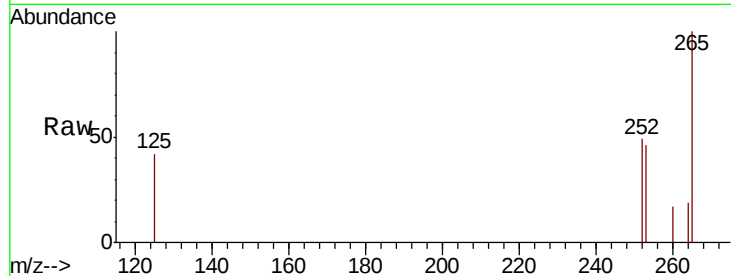
Tgt Ion:252 Resp: 269

Ion Ratio Lower Upper

252 100

253 93.8 18.9 28.3#

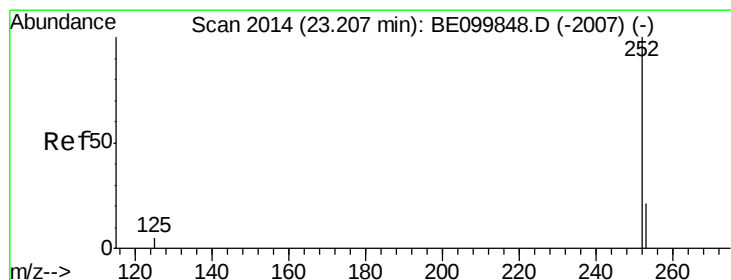
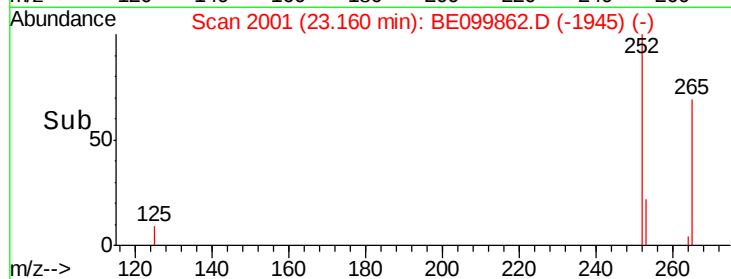
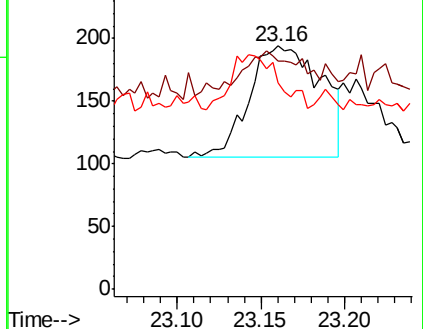
125 85.1 7.6 11.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.05 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

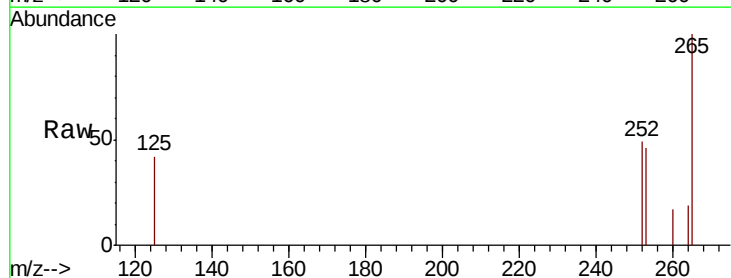
Tgt Ion:252 Resp: 269

Ion Ratio Lower Upper

252 100

253 93.8 18.4 27.6#

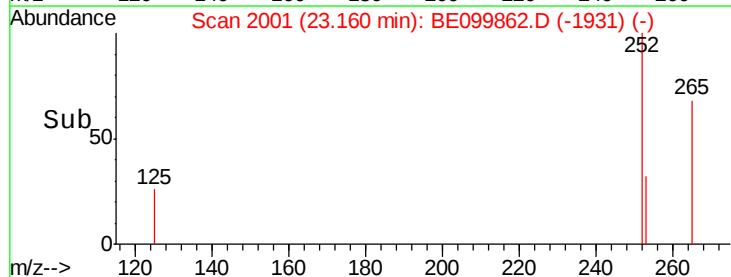
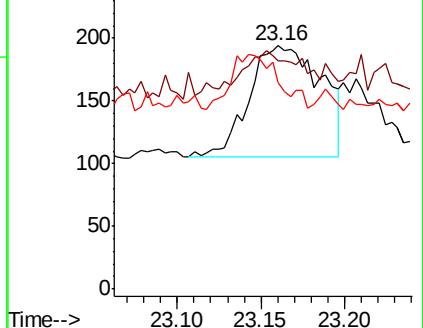
125 85.1 4.6 7.0#

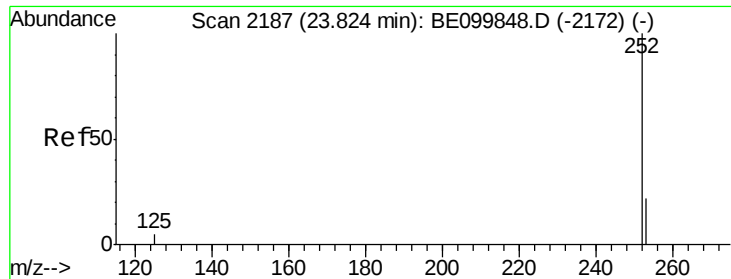


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.004 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

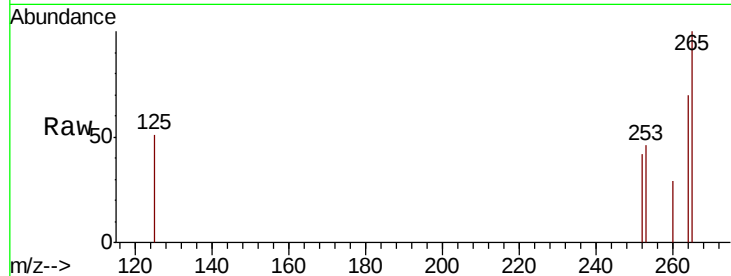
Tgt Ion: 252 Resp: 116

Ion Ratio Lower Upper

252 100

253 110.7 19.3 28.9#

125 122.6 10.2 15.4#

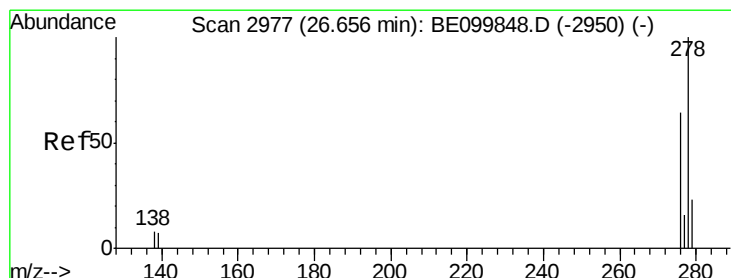
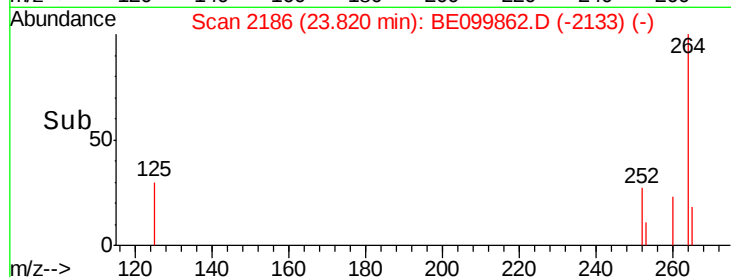
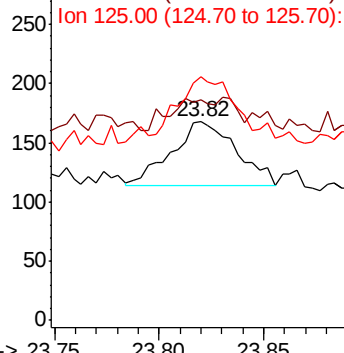


Abundance

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: 0.000 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

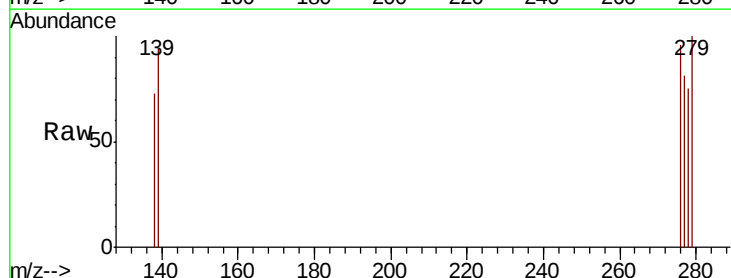
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 125.9 7.9 11.9#

279 133.3 18.5 27.7#

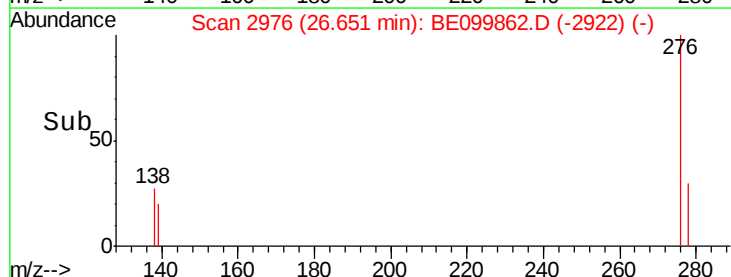
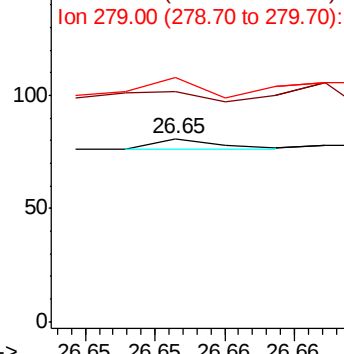


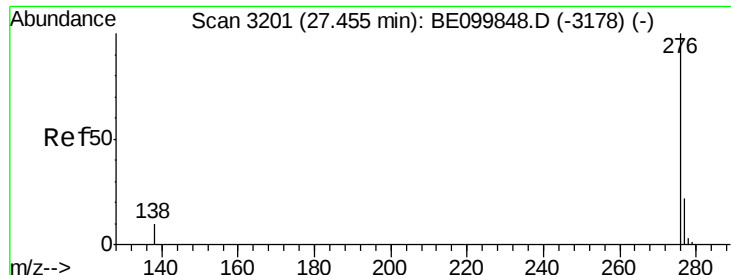
Abundance

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: 0.001 ng

RT: 27.45 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BE099862.D

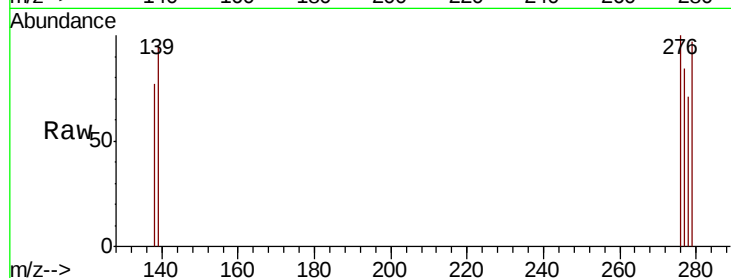
Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605



Tgt Ion: 276 Resp: 30

Ion Ratio Lower Upper

276 100

277 83.7 19.6 29.4#

138 76.9 9.0 13.4#

