

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099868.D
 Acq On : 8 Jun 2019 00:30
 Operator : JU/SJ
 Sample : K3249-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP04-20190606

Quant Time: Jun 08 04:34:58 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	630	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2078	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1551	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5030	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9557	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11615	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	288	0.14	ng	0.00
5) Phenol-d6	6.97	99	215	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	827	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1349	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	447	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2885	0.51	ng	0.00
25) Fluoranthene-d10	19.25	212	30582	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	9451	0.53	ng	-0.01

Target Compounds

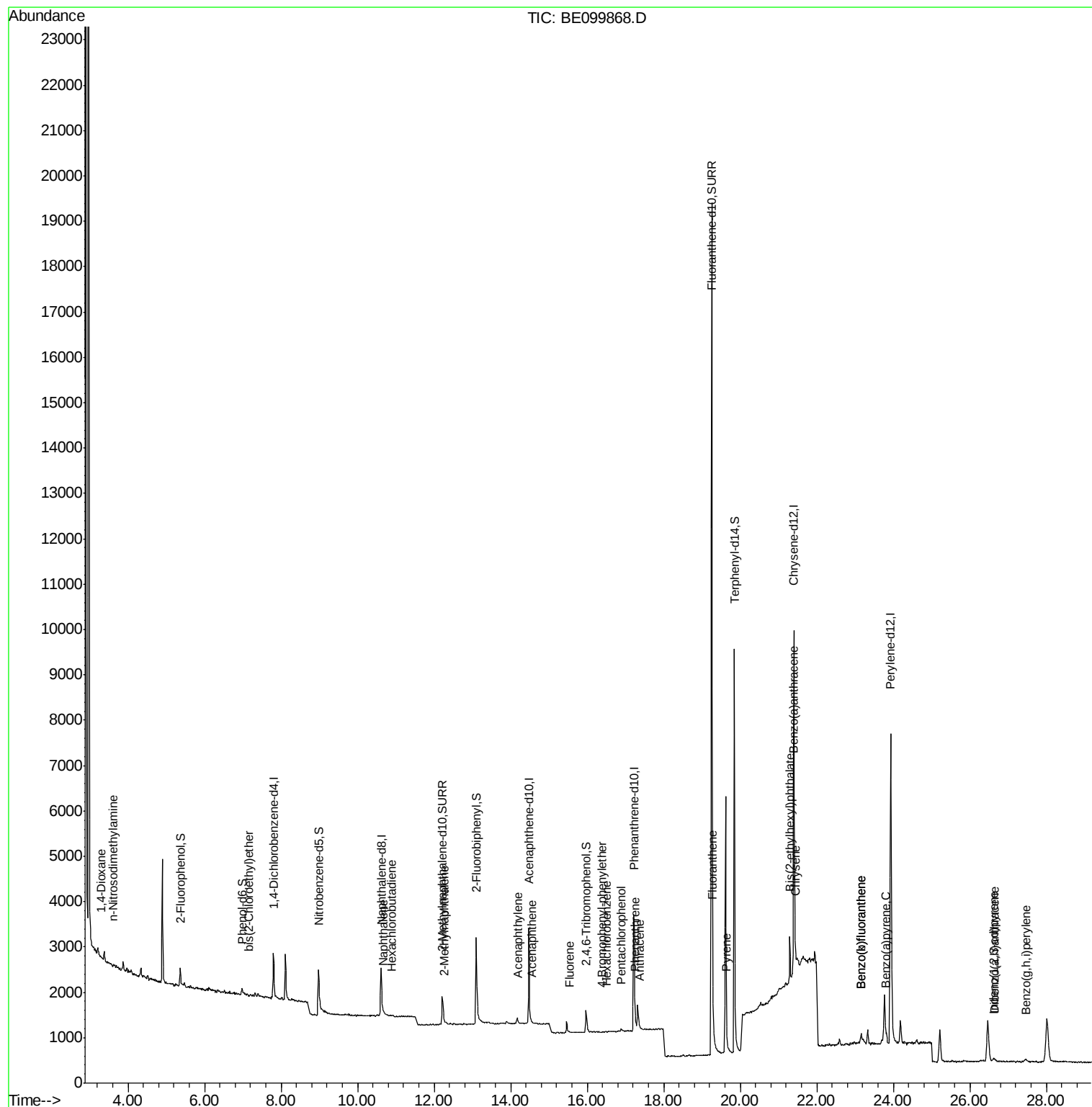
						Qvalue
2) 1,4-Dioxane	3.29	88	47	0.033	ng	# 30
3) n-Nitrosodimethylamine	3.60	42	17	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	13	0.007	ng	# 1
9) Naphthalene	10.67	128	55	0.002	ng	# 47
10) Hexachlorobutadiene	10.90	225	6	0.004	ng	# 11
12) 2-Methylnaphthalene	12.27	142	2	0.001	ng	# 53
16) Acenaphthylene	14.20	152	16	0.002	ng	# 47
17) Acenaphthene	14.54	154	3	0.001	ng	# 2
18) Fluorene	15.53	166	10	0.002	ng	# 1
20) 4-Bromophenyl-phenylether	16.38	248	3	0.001	ng	# 63
21) Hexachlorobenzene	16.49	284	2	0.001	ng	# 1
22) Pentachlorophenol	16.88	266	52	0.280	ng	94
23) Phenanthrene	17.25	178	52	0.004	ng	# 83
24) Anthracene	17.36	178	32	0.003	ng	# 9
26) Fluoranthene	19.28	202	164	0.007	ng	# 91
28) Pyrene	19.64	202	156	0.006	ng	# 90
30) Benzo(a)anthracene	21.39	228	223	0.007	ng	# 11
31) Chrysene	21.44	228	171	0.006	ng	# 25
32) Bis(2-ethylhexyl)phthalate	21.29	149	1584	0.032	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.62	276	82	0.002	ng	# 70
35) Benzo(b)fluoranthene	23.16	252	318	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	318	0.010	ng	# 1
37) Benzo(a)pyrene	23.81	252	143	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	16	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.46	276	133	0.004	ng	# 1

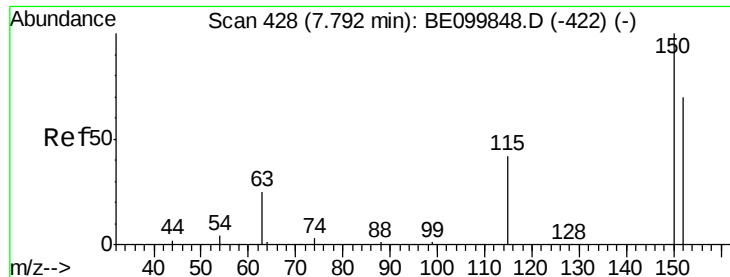
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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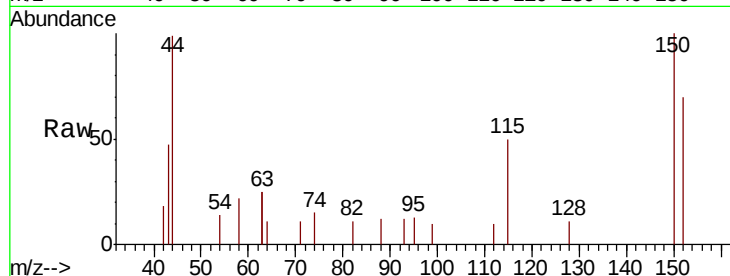


#1

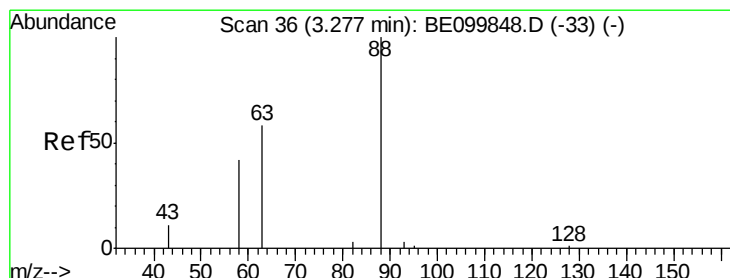
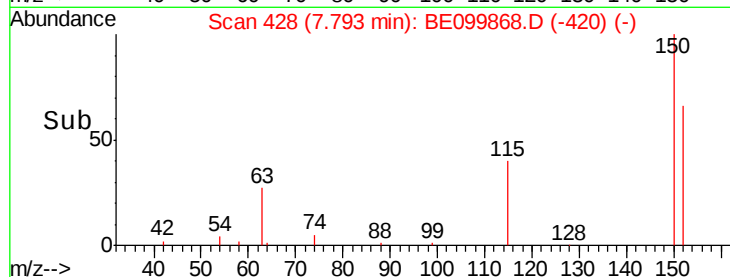
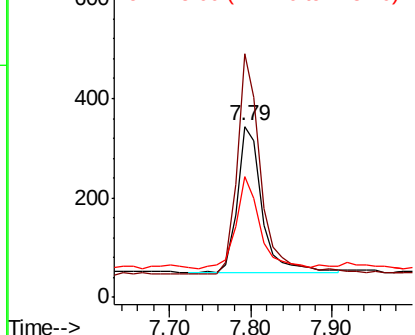
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion: 152 Resp: 630
Ion Ratio Lower Upper
152 100
150 142.4 112.8 169.2
115 70.6 47.6 71.4



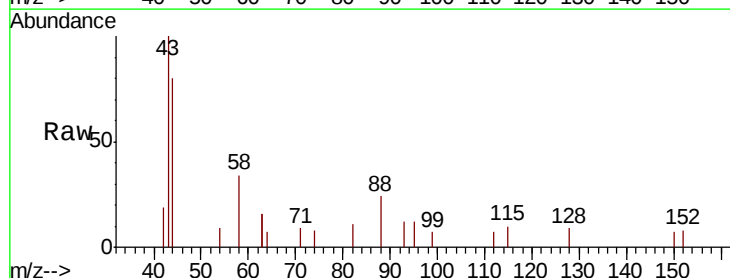
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



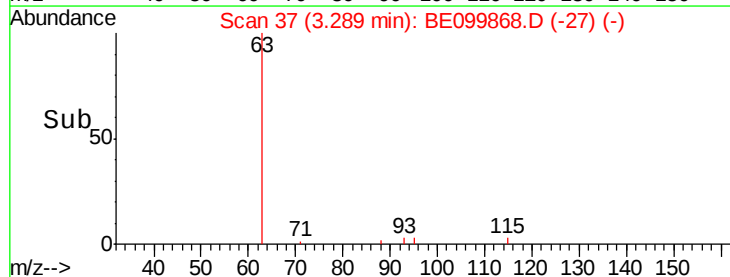
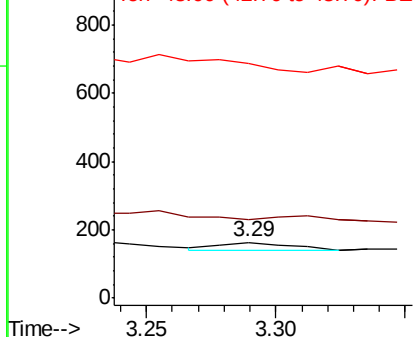
#2

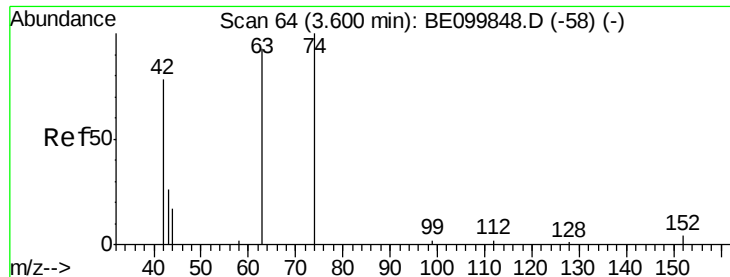
1,4-Dioxane
Concen: 0.033 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
58 0.0 47.3 70.9#
43 0.0 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: 0.028 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

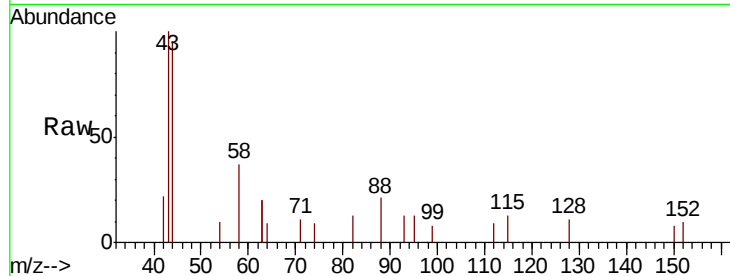
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

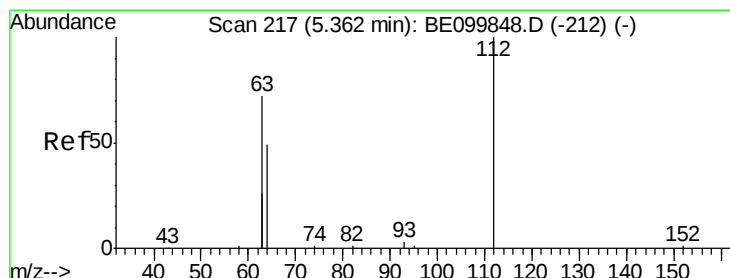
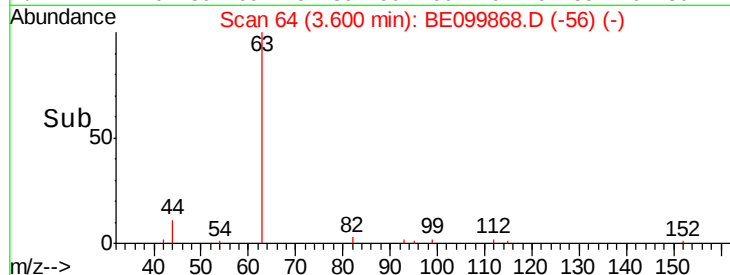
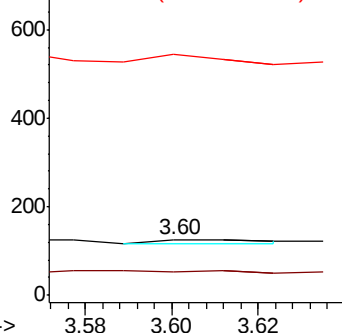
42 100

74 0.0 132.6 198.8#

44 152.9 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: 0.137 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

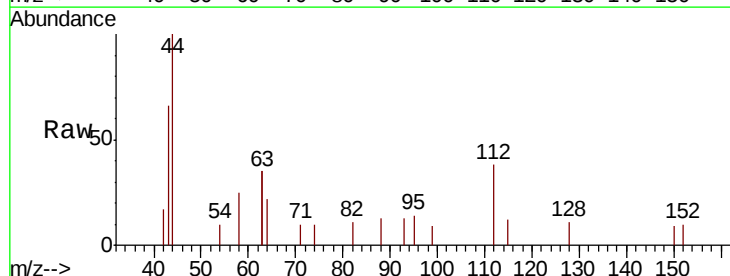
Tgt Ion: 112 Resp: 288

Ion Ratio Lower Upper

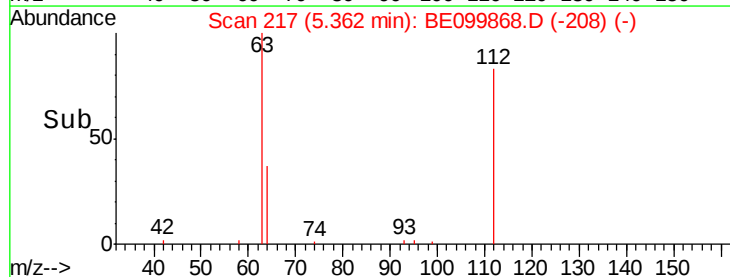
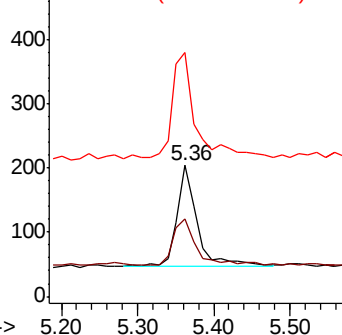
112 100

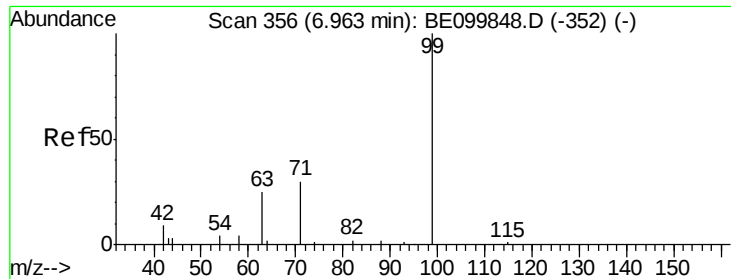
64 54.2 47.2 70.8

63 118.4 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: 0.083 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

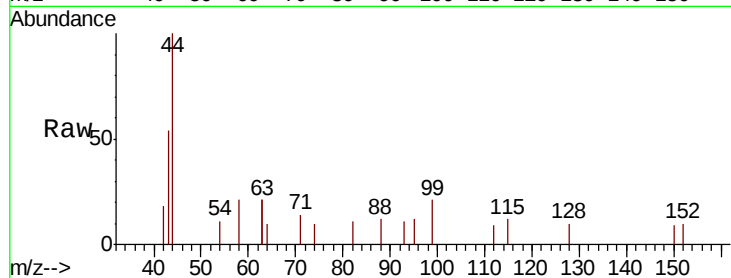
Tgt Ion: 99 Resp: 215

Ion Ratio Lower Upper

99 100

42 13.0 11.0 16.4

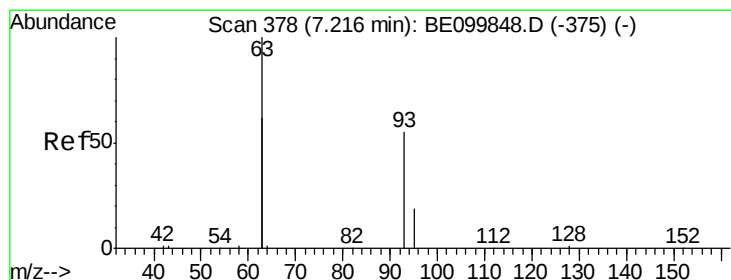
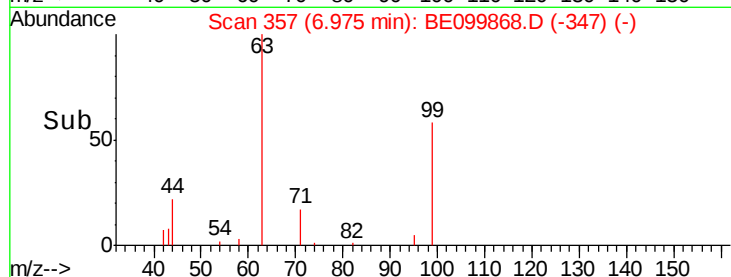
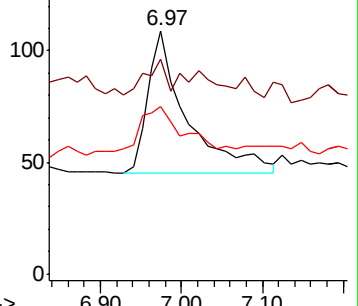
71 42.8 26.1 39.1#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.08 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

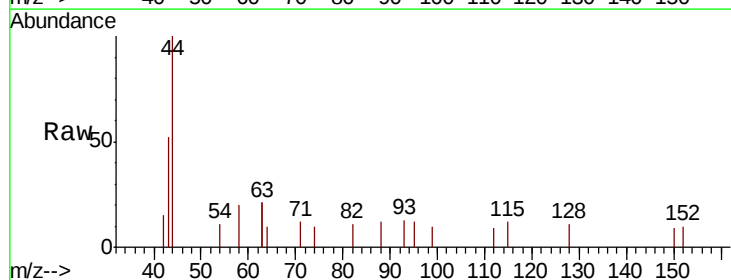
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 0.0 208.8 313.2#

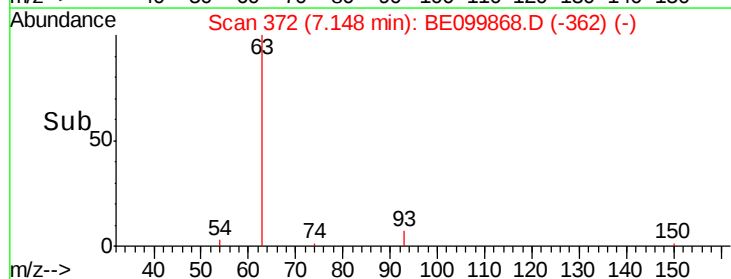
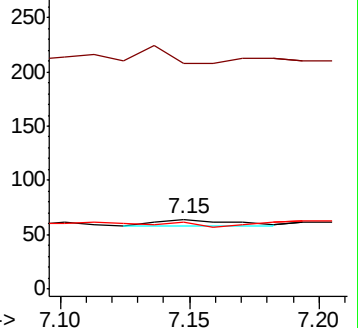
95 0.0 27.6 41.4#

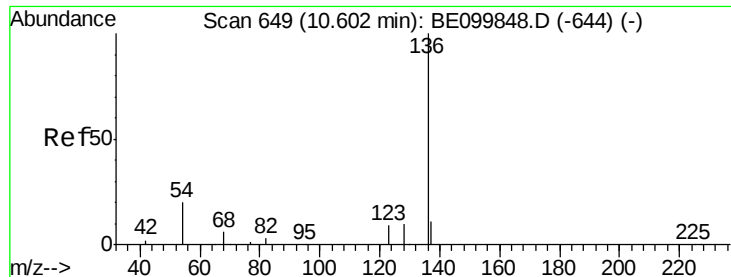


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

Tgt Ion: 136 Resp: 2078

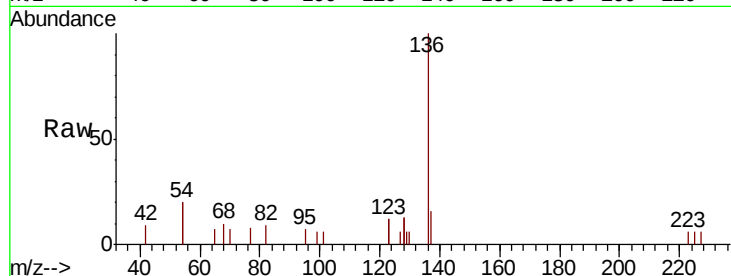
Ion Ratio Lower Upper

136 100

137 15.7 11.1 16.7

54 40.0 17.9 26.9#

68 10.0 5.4 8.0#

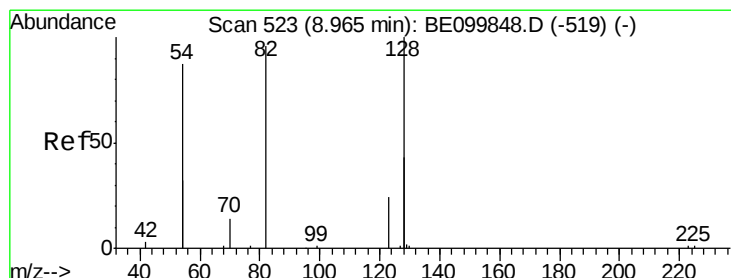
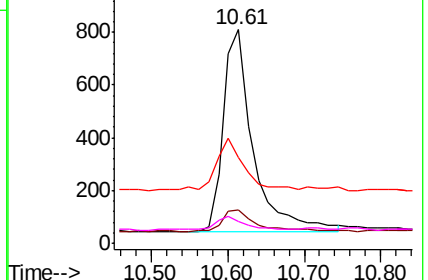
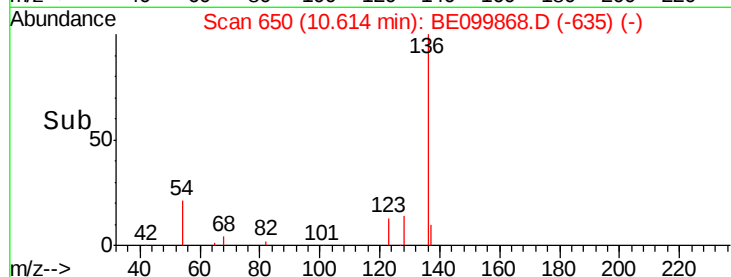


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

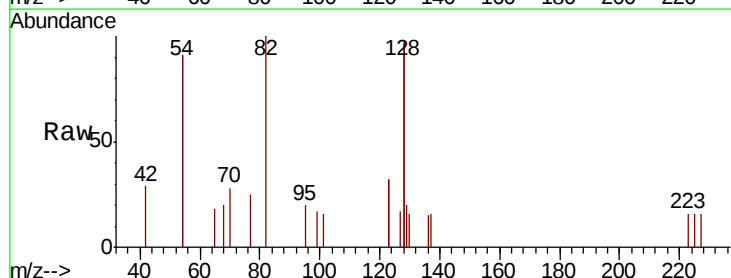
Tgt Ion: 82 Resp: 827

Ion Ratio Lower Upper

82 100

128 193.9 116.6 175.0#

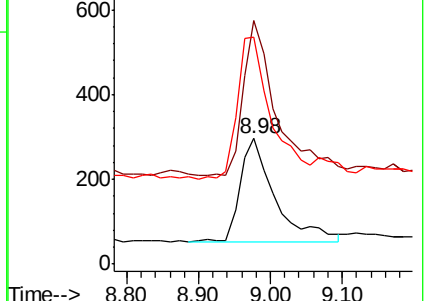
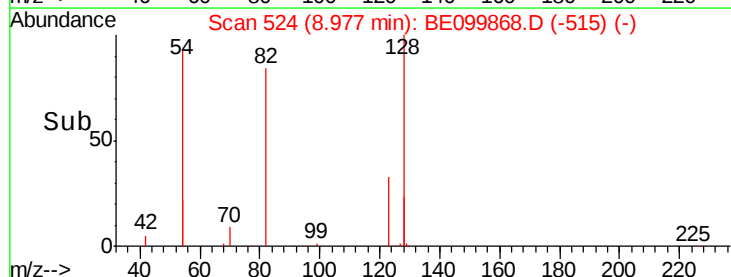
54 181.1 136.2 204.4

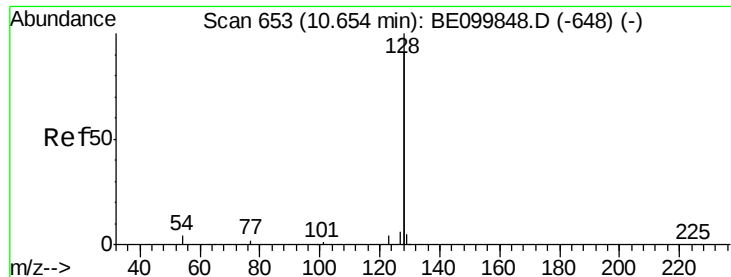


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.002 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

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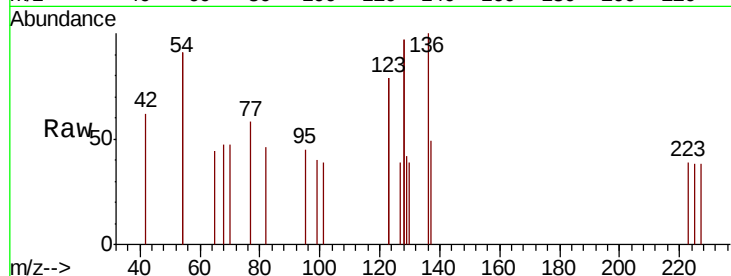
Tgt Ion:128 Resp: 55

Ion Ratio Lower Upper

128 100

129 21.7 2.6 4.0#

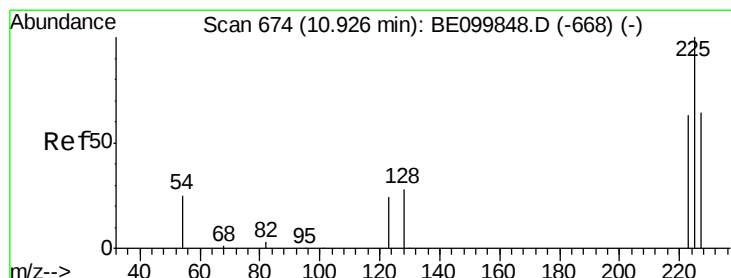
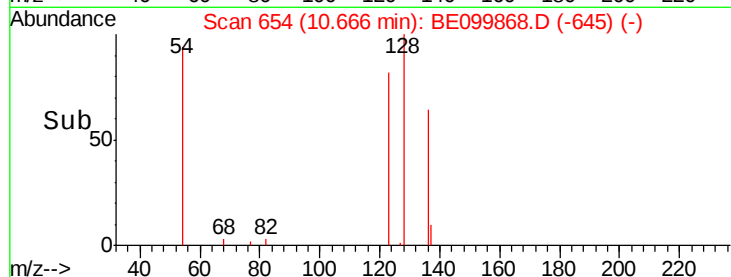
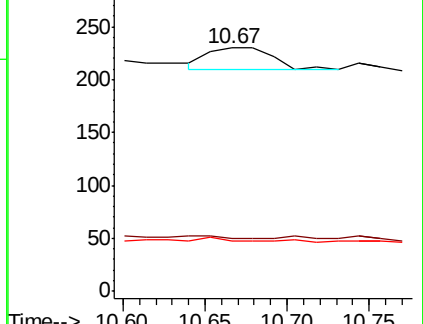
127 20.4 3.0 4.6#



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: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

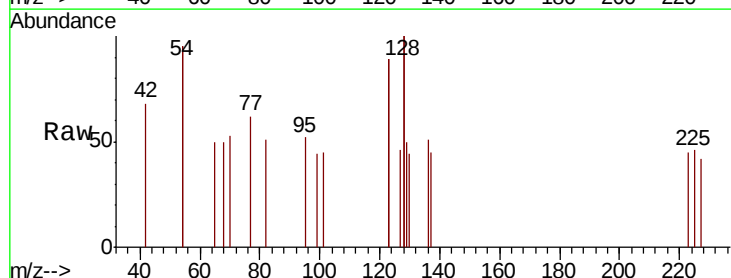
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 133.3 48.6 72.8#

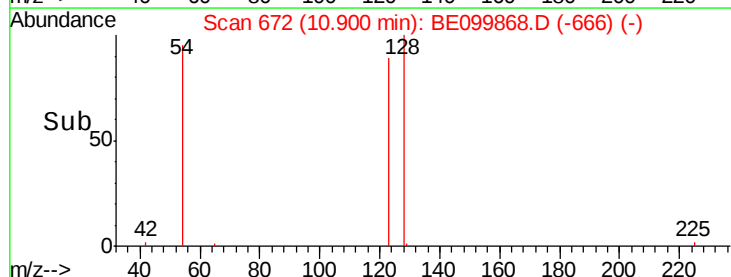
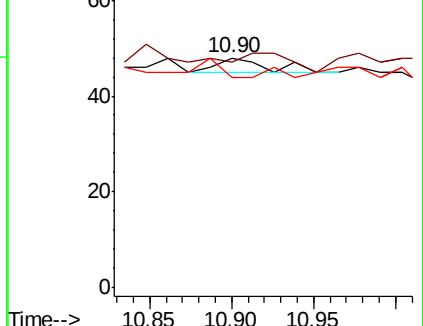
227 0.0 51.6 77.4#

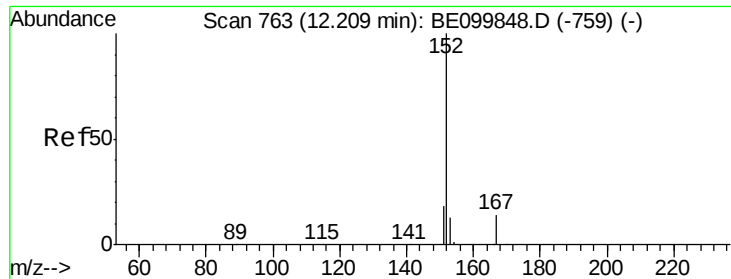


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

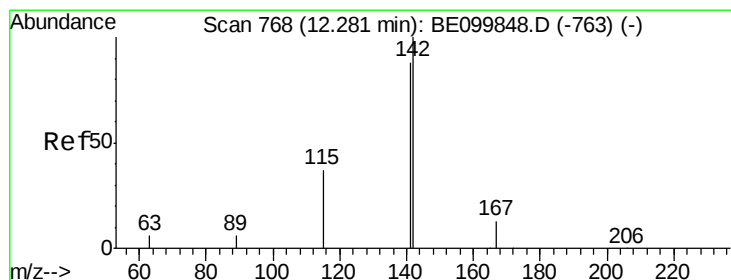
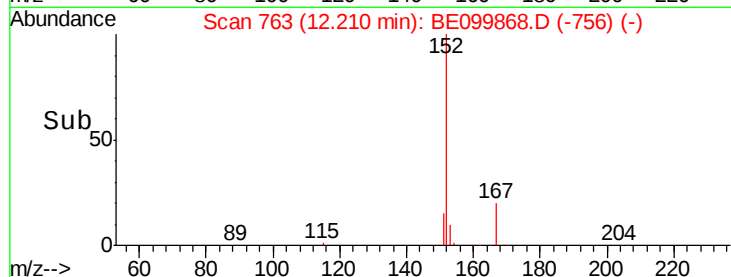
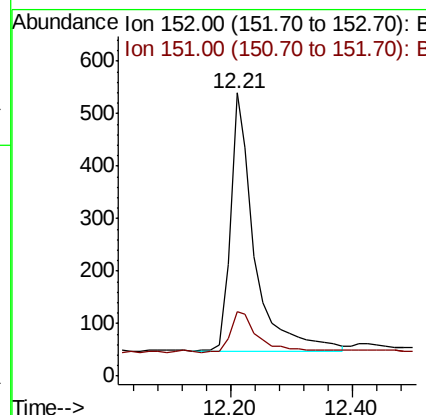
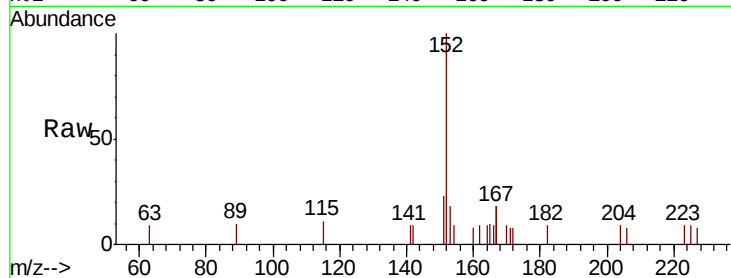




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

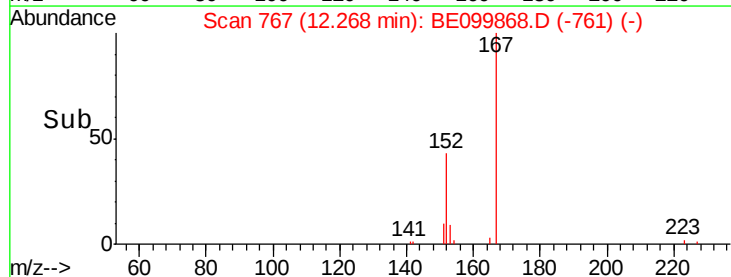
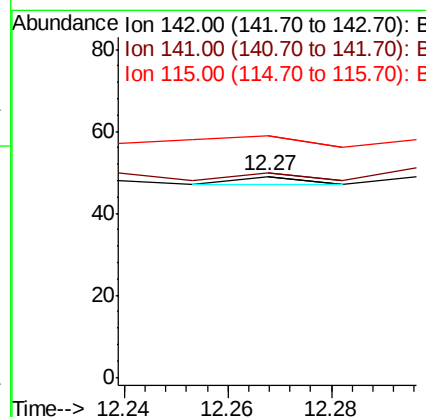
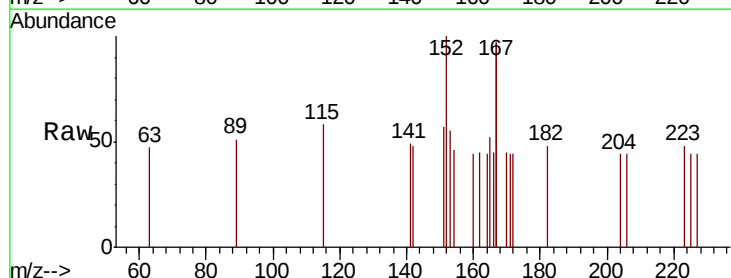
Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

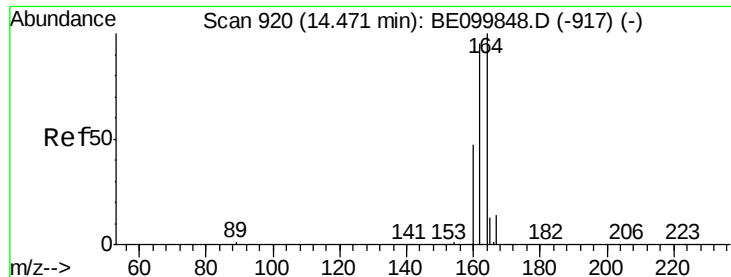
Tgt Ion:152 Resp: 1349
Ion Ratio Lower Upper
152 100
151 17.9 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 102.0 73.3 109.9
115 120.4 33.4 50.2#

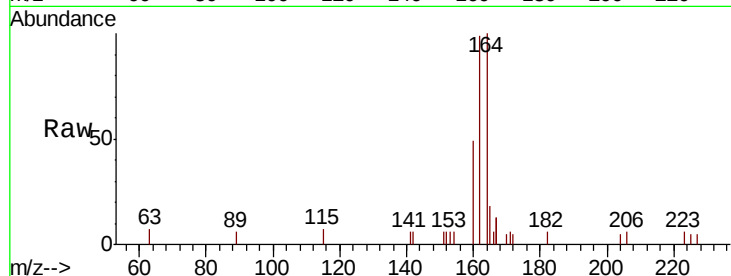




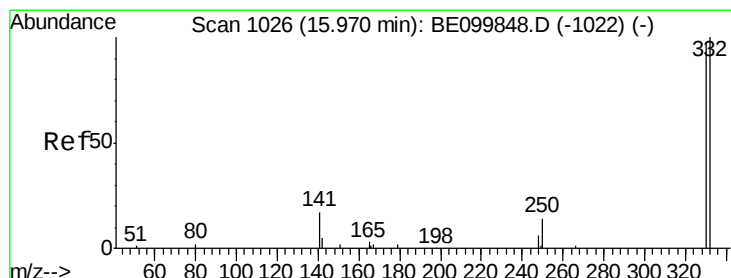
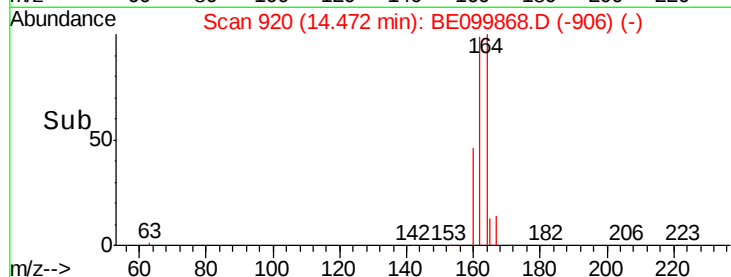
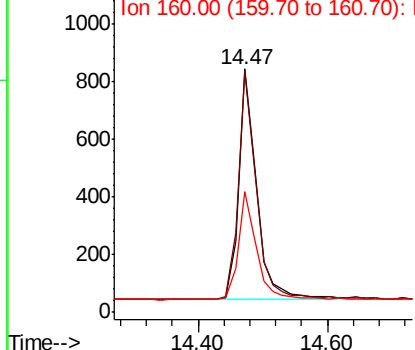
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099868.D
 Acq: 8 Jun 2019 00:30

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP04-20190606

Tgt Ion:164 Resp: 1551
 Ion Ratio Lower Upper
 164 100
 162 99.1 77.2 115.8
 160 49.4 39.4 59.2

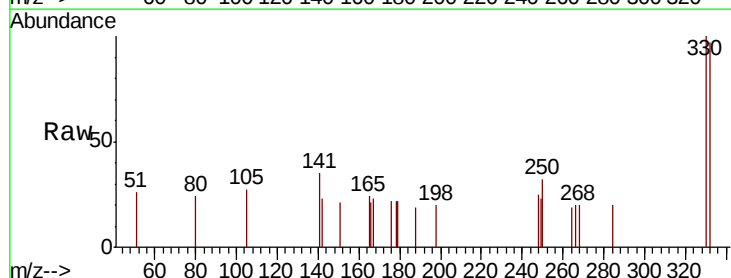


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

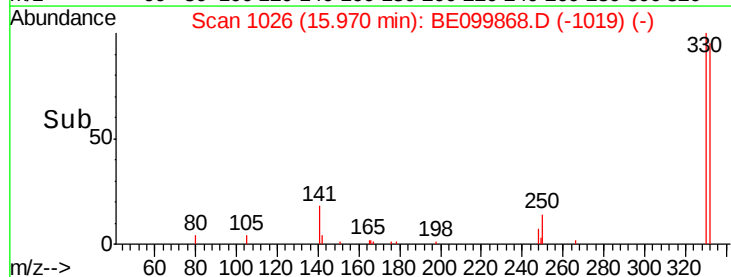
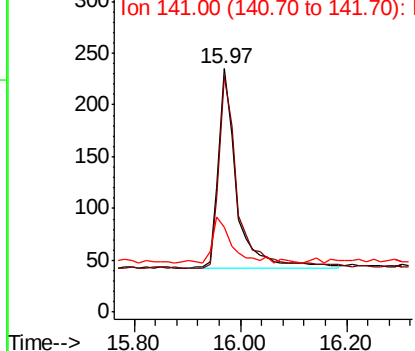


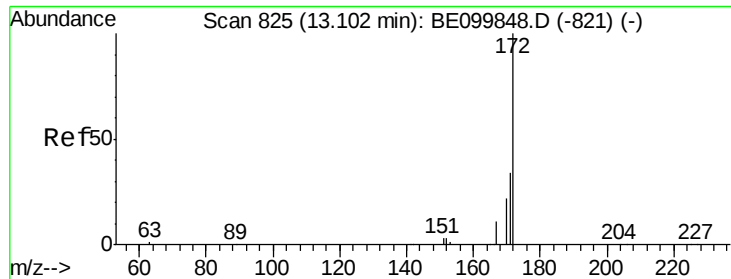
#14
 2,4,6-Tribromophenol
 Concen: 0.291 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099868.D
 Acq: 8 Jun 2019 00:30

Tgt Ion:330 Resp: 447
 Ion Ratio Lower Upper
 330 100
 332 100.9 74.9 112.3
 141 26.4 16.0 24.0#



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

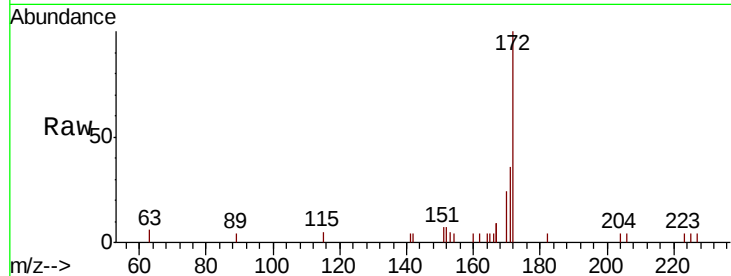




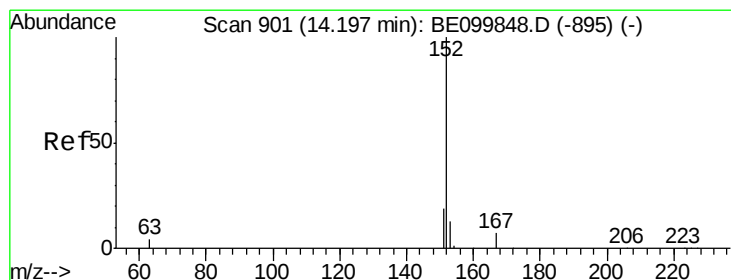
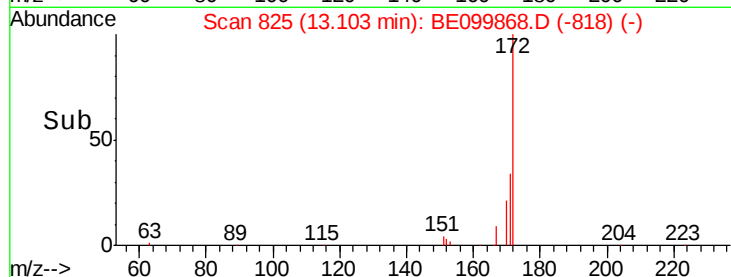
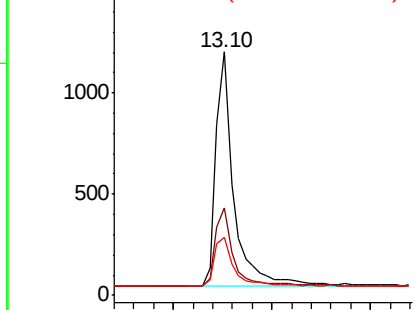
#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:172 Resp: 2885
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.4
170 23.9 20.1 30.1

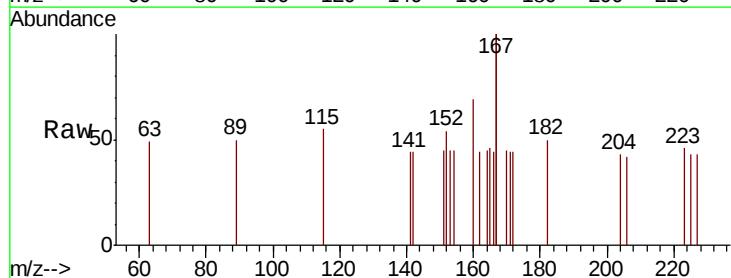


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

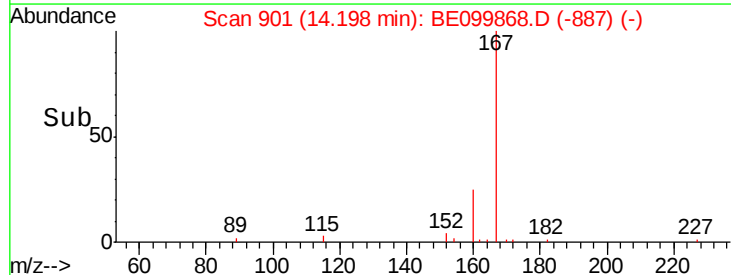
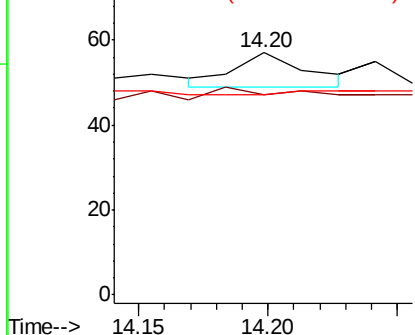


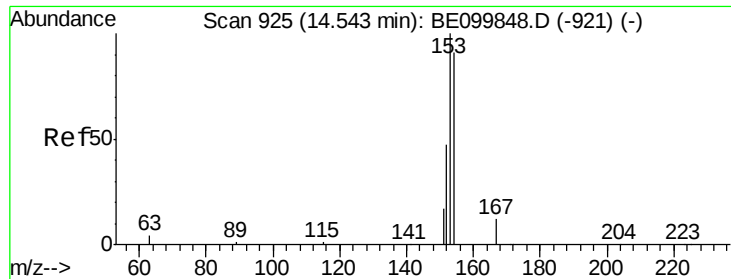
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 50.0 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: 0.001 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

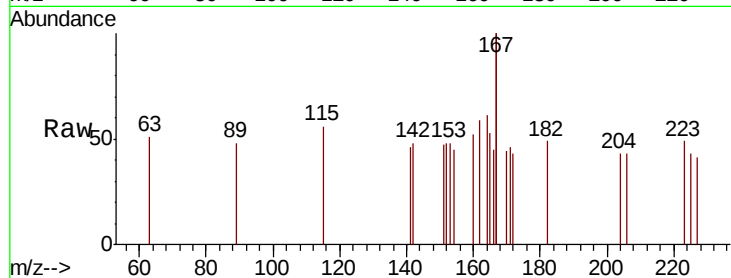
Tgt Ion:154 Resp: 3

Ion Ratio Lower Upper

154 100

153 0.0 93.8 140.6#

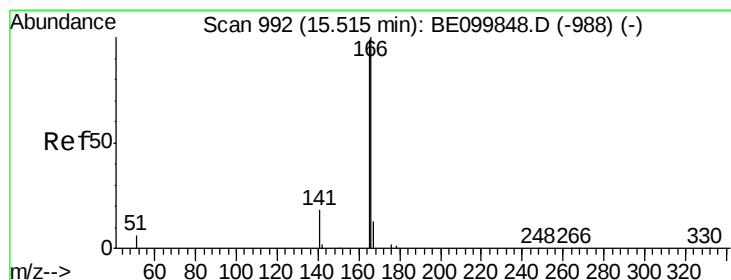
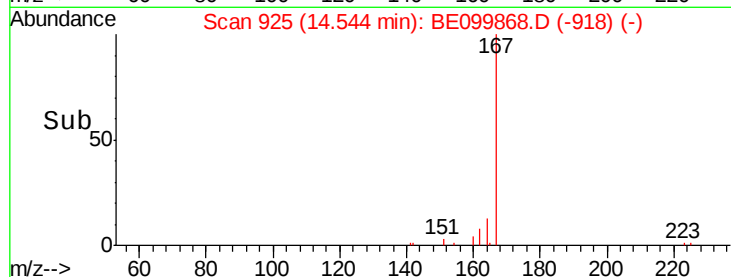
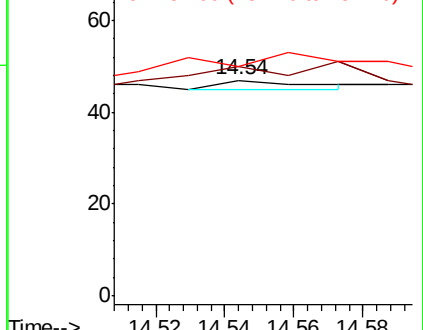
152 0.0 48.3 72.5#



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: 0.002 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

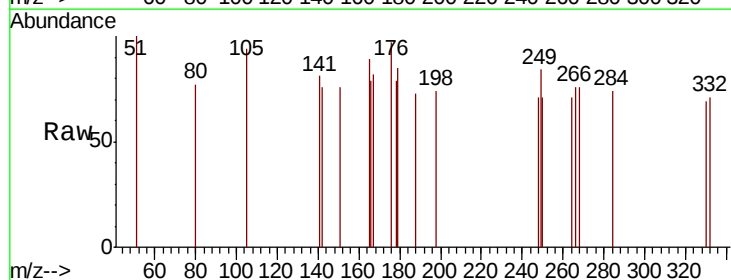
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 410.0 80.4 120.6#

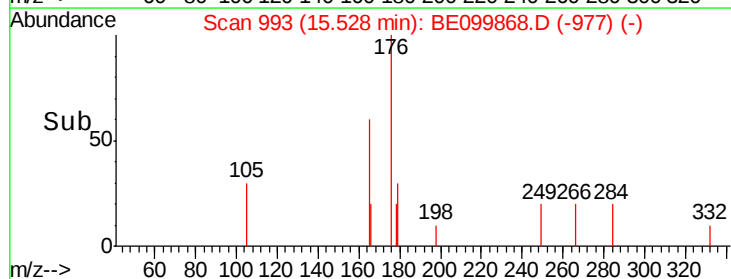
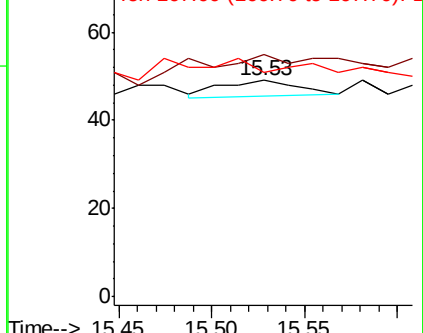
167 0.0 10.7 16.1#

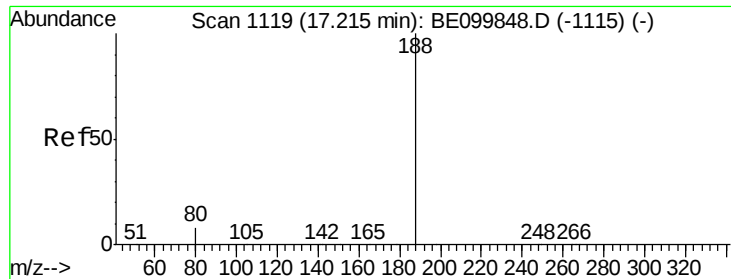


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

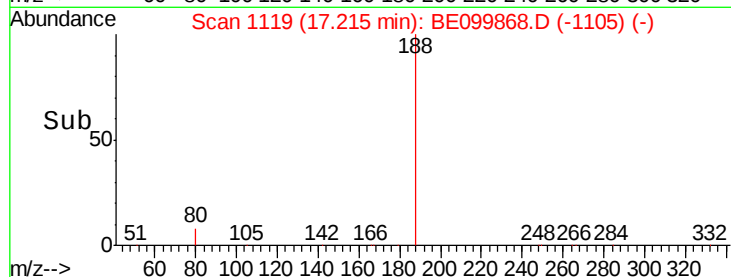
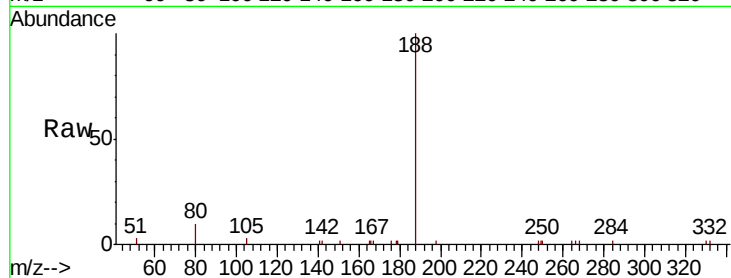
Tgt Ion:188 Resp: 5030

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

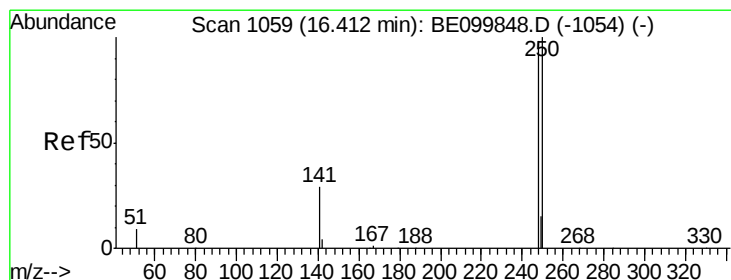
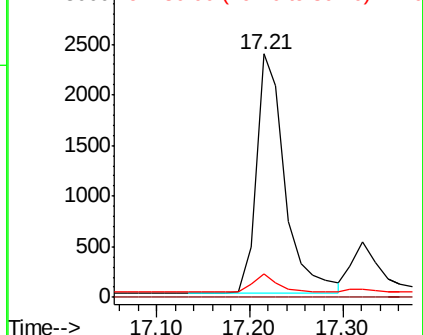
80 9.6 5.2 7.8#



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: 0.001 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

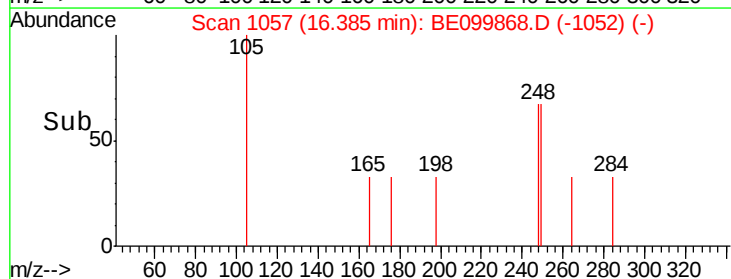
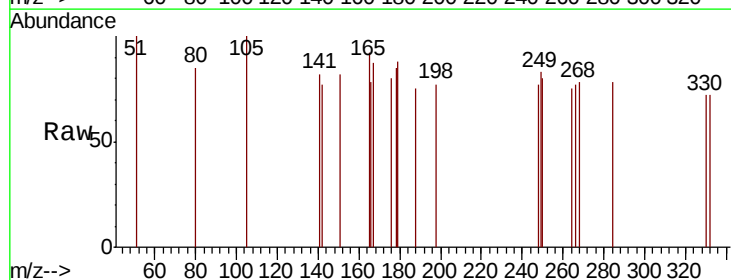
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 104.3 73.7 110.5

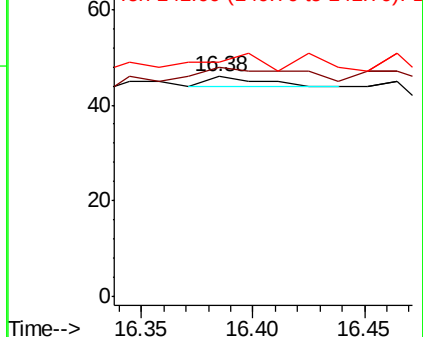
141 106.5 40.9 61.3#

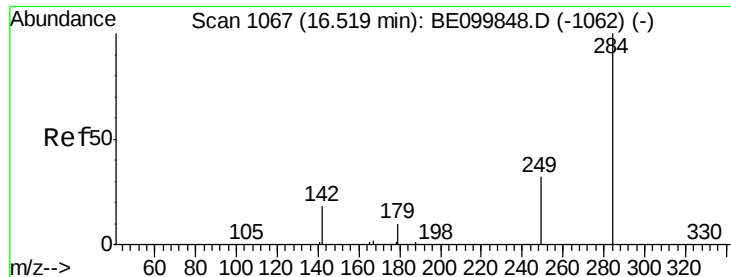


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

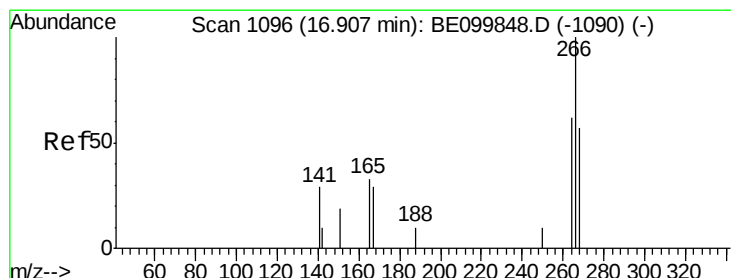
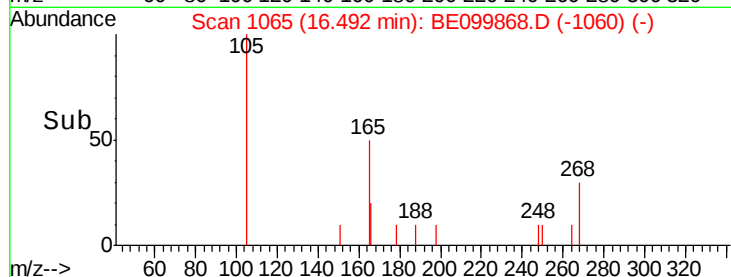
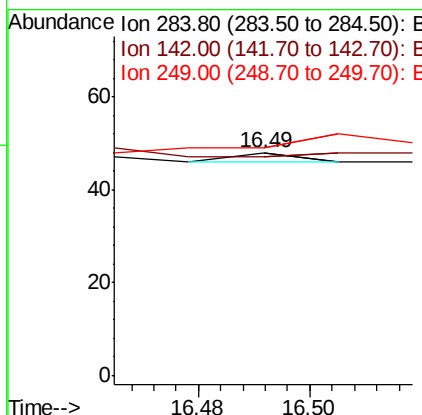
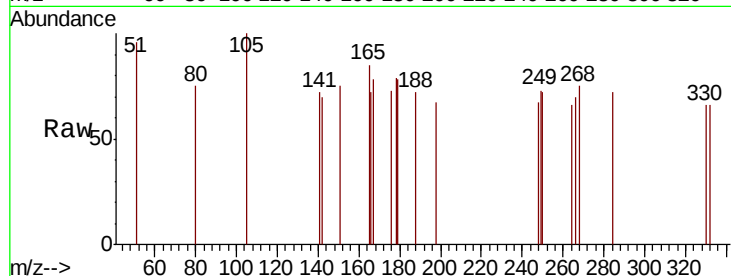
Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

Tgt Ion:	284	Resp:	2
Ion Ratio	Lower	Upper	
284	100		
142	0.0	16.2	24.4#
249	500.0	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.280 ng

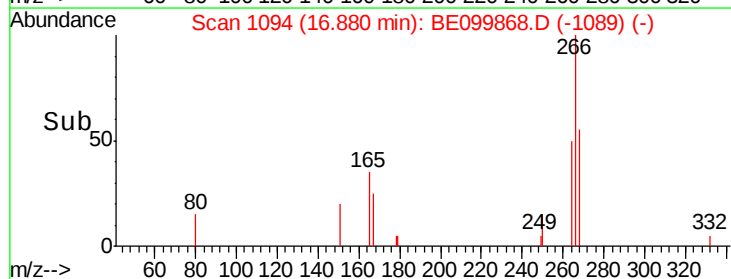
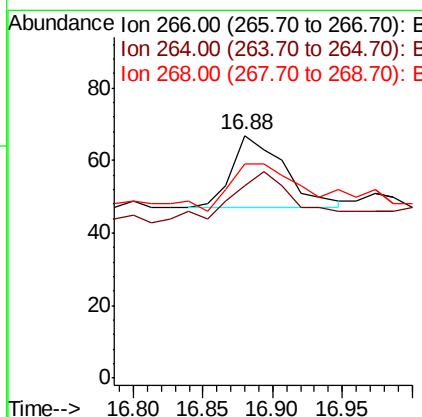
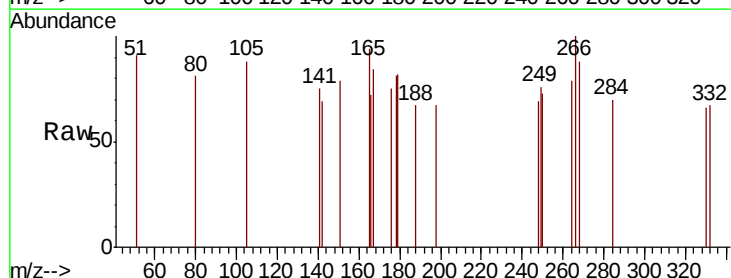
RT: 16.88 min Scan# 1094

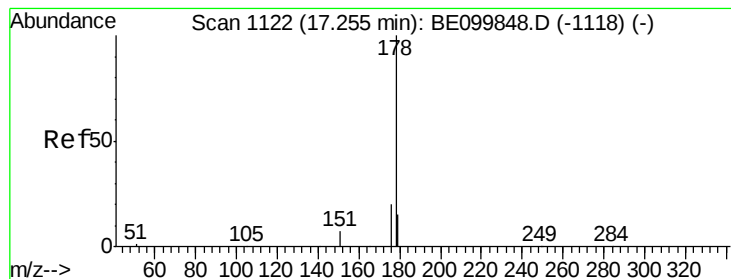
Delta R.T. -0.04 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Tgt Ion:	266	Resp:	52
Ion Ratio	Lower	Upper	
266	100		
264	79.1	64.9	97.3
268	88.1	64.0	96.0





#23

Phenanthrene

Concen: 0.004 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

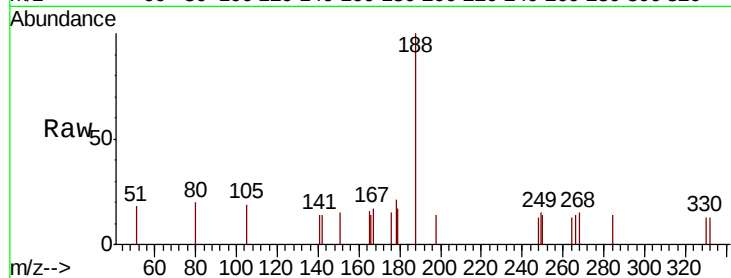
Tgt Ion:178 Resp: 52

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

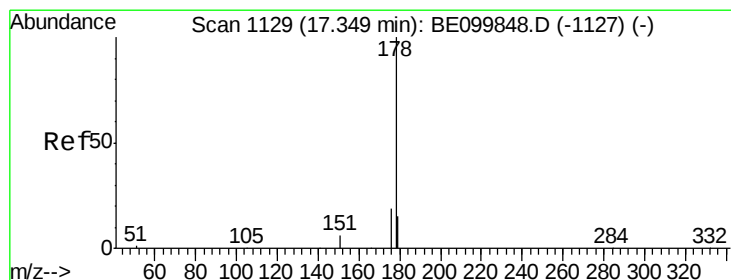
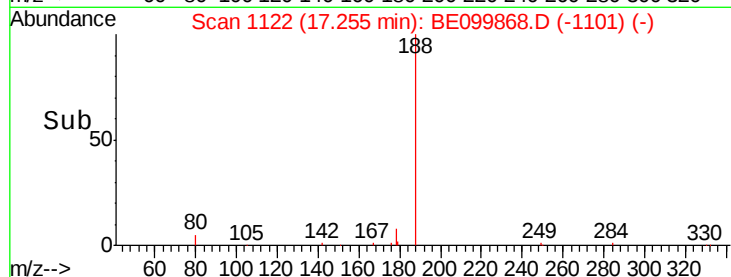
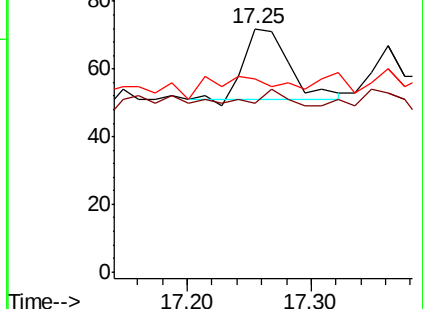
179 0.0 12.5 18.7#



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: 0.003 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

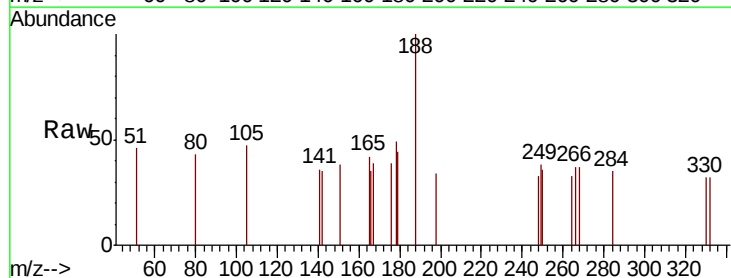
Tgt Ion:178 Resp: 32

Ion Ratio Lower Upper

178 100

176 43.8 15.1 22.7#

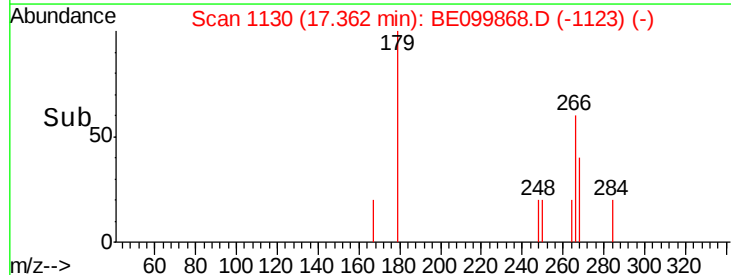
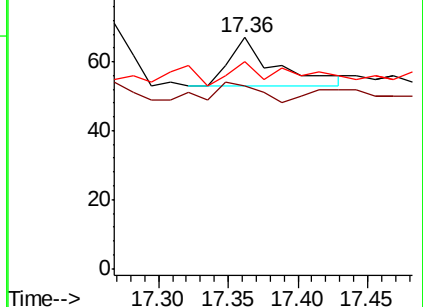
179 71.9 12.1 18.1#

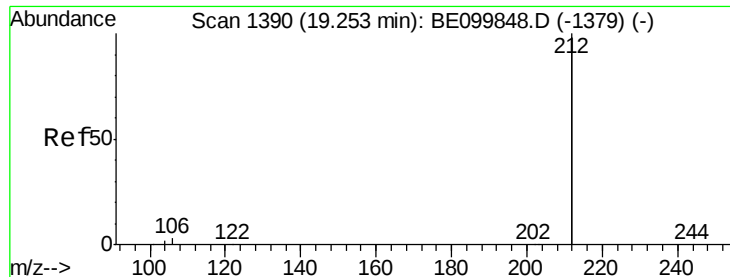


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

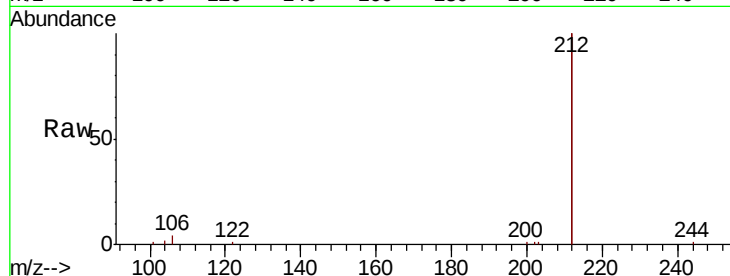
Tgt Ion:212 Resp: 30582

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

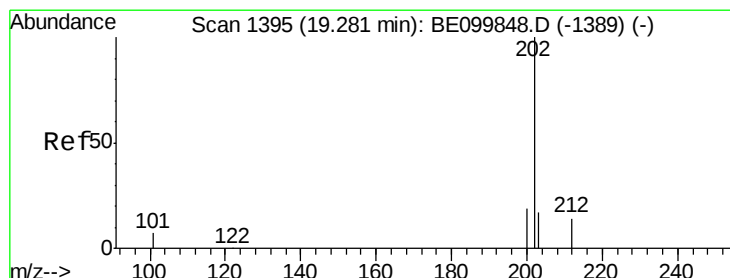
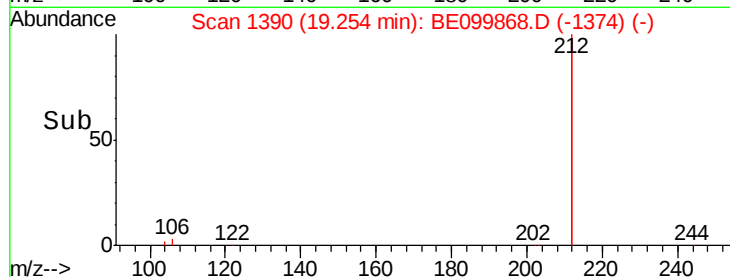
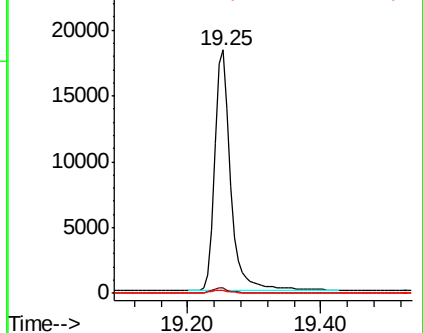
104 1.0 0.8 1.2



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: 0.007 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

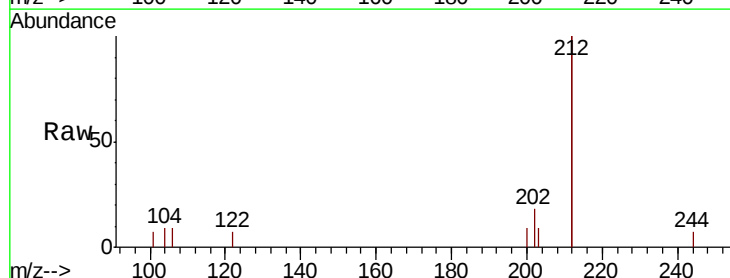
Tgt Ion:202 Resp: 164

Ion Ratio Lower Upper

202 100

101 10.4 5.2 7.8#

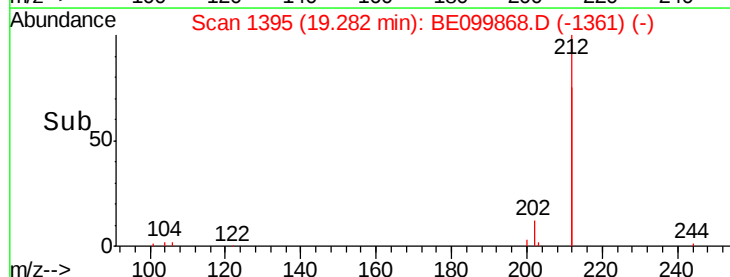
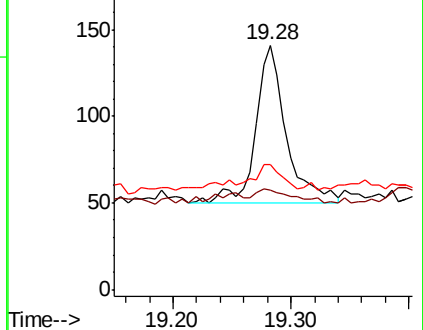
203 13.4 13.6 20.4#

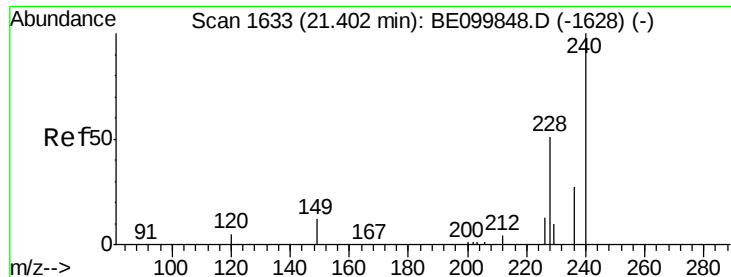


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

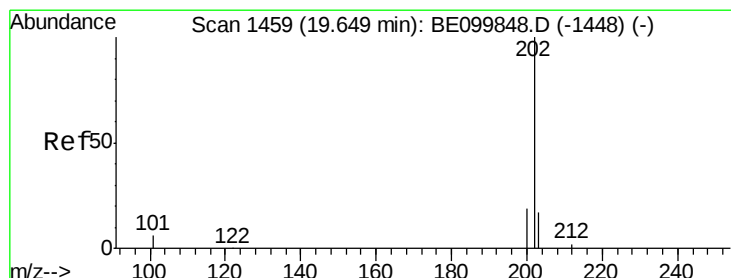
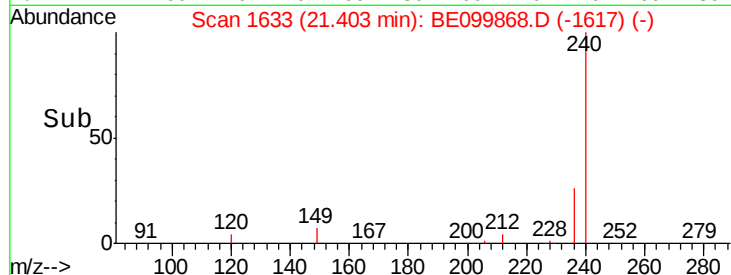
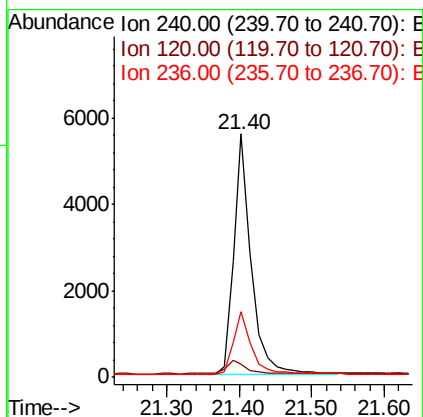
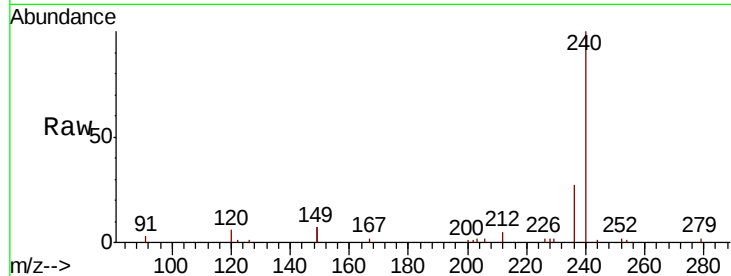




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

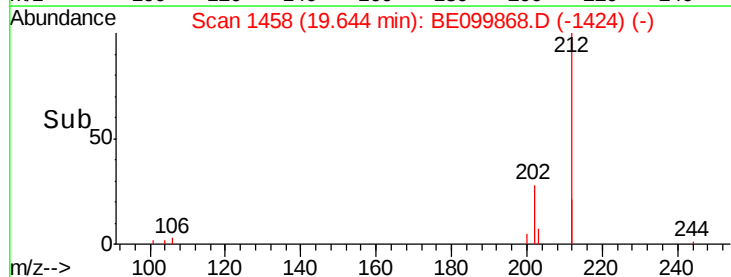
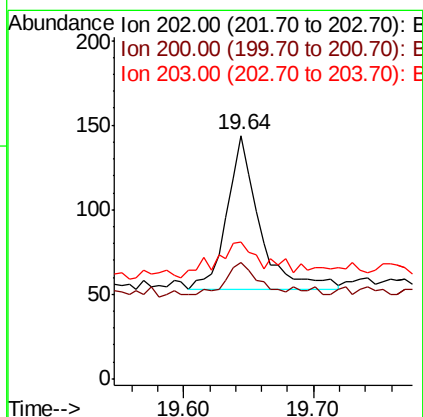
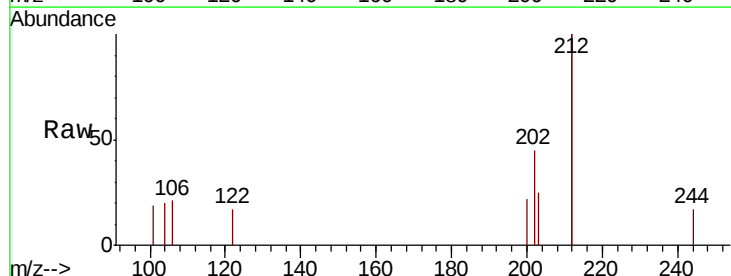
Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

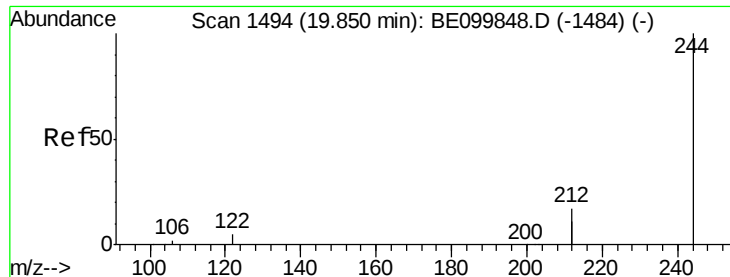
Tgt Ion:240 Resp: 9557
Ion Ratio Lower Upper
240 100
120 5.7 2.8 4.2#
236 27.1 20.9 31.3



#28
Pyrene
Concen: 0.006 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:202 Resp: 156
Ion Ratio Lower Upper
202 100
200 19.2 15.6 23.4
203 26.9 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.530 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

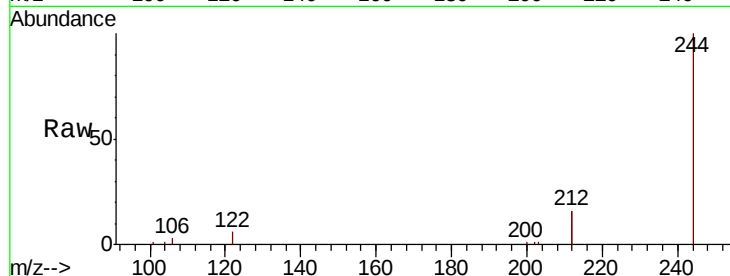
Tgt Ion:244 Resp: 9451

Ion Ratio Lower Upper

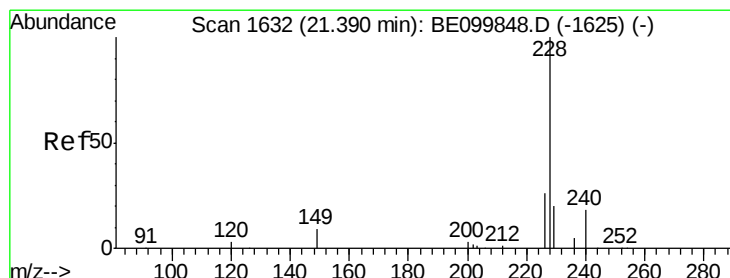
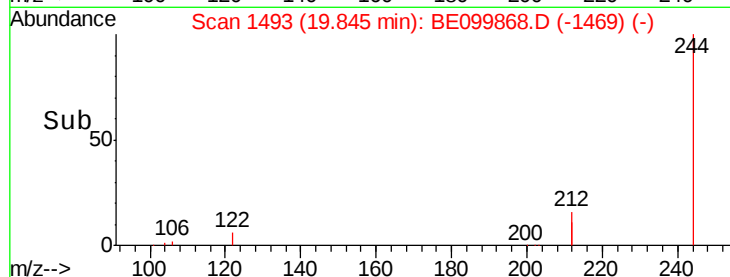
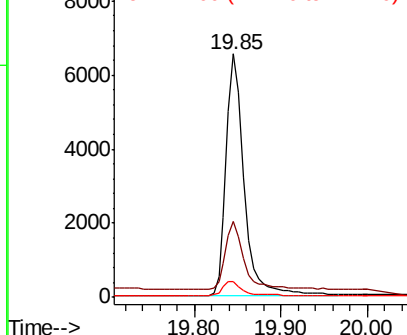
244 100

212 31.0 23.7 35.5

122 6.3 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: 0.007 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

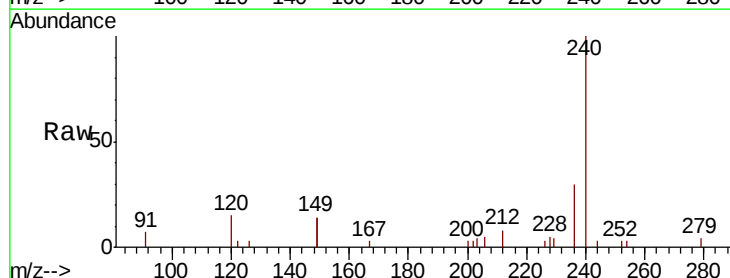
Tgt Ion:228 Resp: 223

Ion Ratio Lower Upper

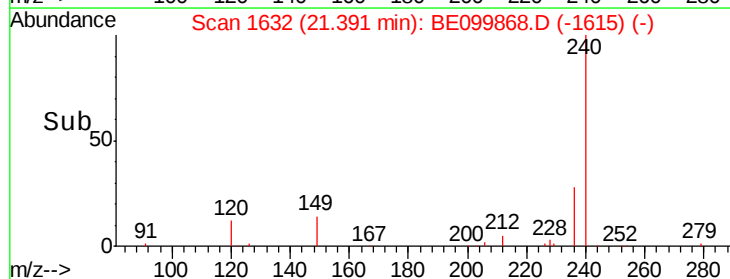
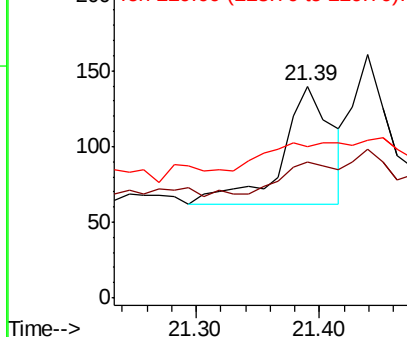
228 100

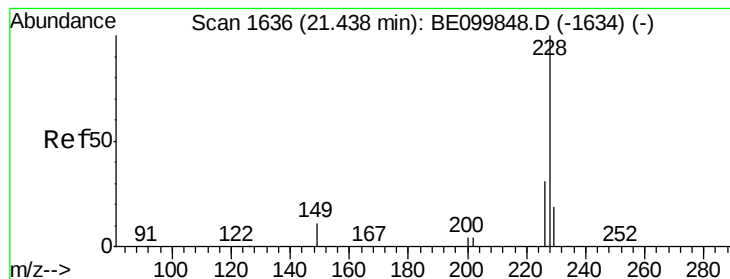
226 64.3 21.6 32.4#

229 71.4 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: 0.006 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

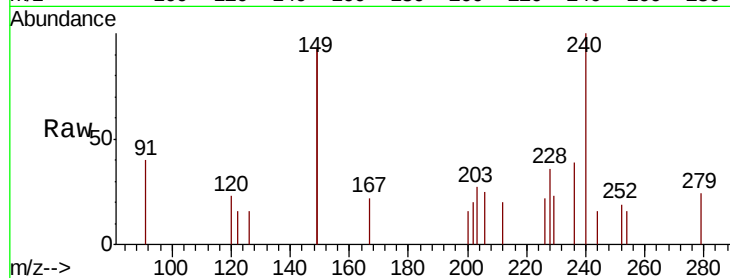
Tgt Ion: 228 Resp: 171

Ion Ratio Lower Upper

228 100

226 60.9 22.9 34.3#

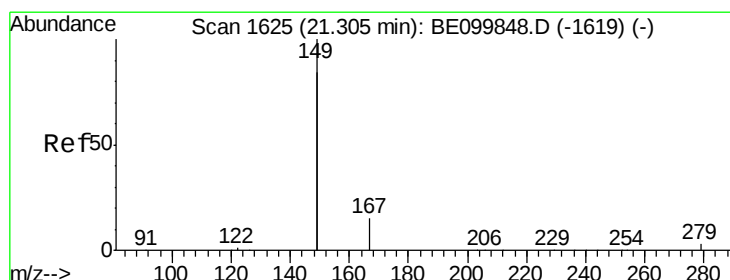
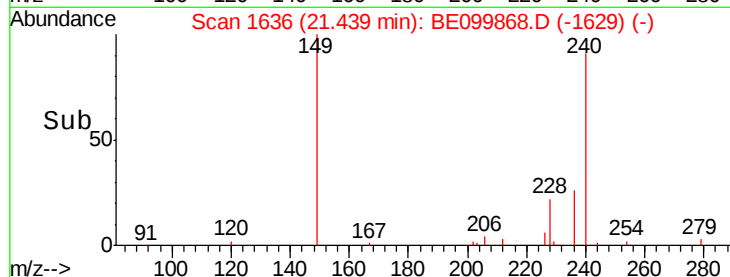
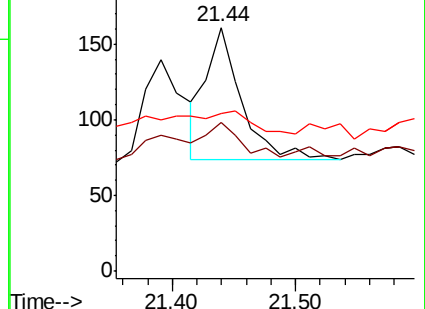
229 64.6 16.4 24.6#



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: 0.032 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

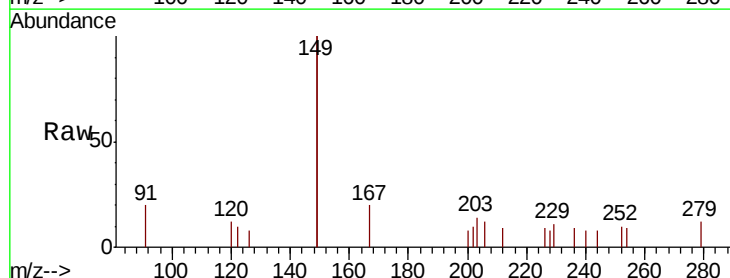
Tgt Ion: 149 Resp: 1584

Ion Ratio Lower Upper

149 100

167 9.0 6.0 9.0

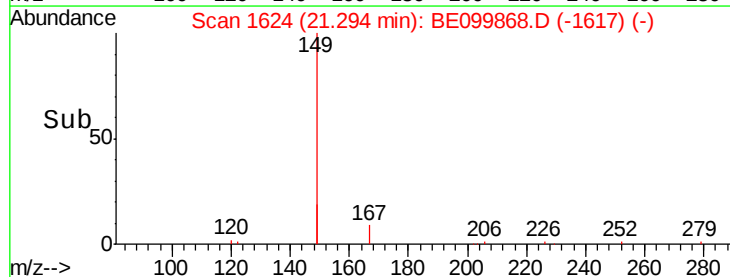
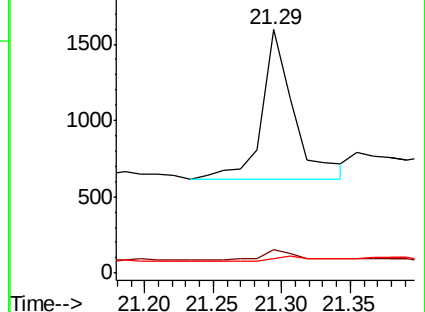
279 5.2 1.2 1.8#

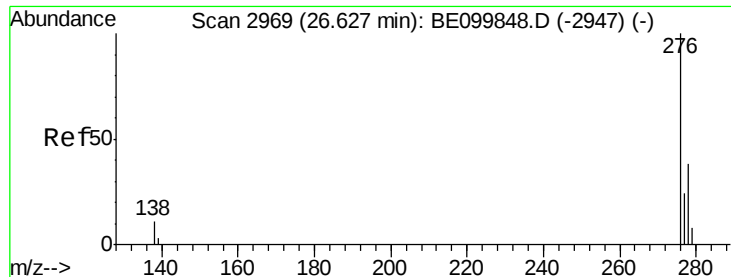


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.002 ng

RT: 26.62 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

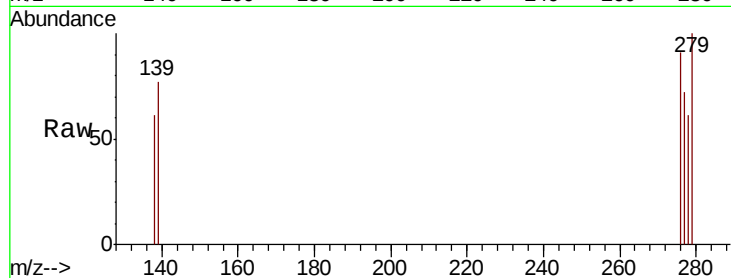
Tgt Ion:276 Resp: 82

Ion Ratio Lower Upper

276 100

138 11.0 10.3 15.5

277 2.4 19.4 29.2#

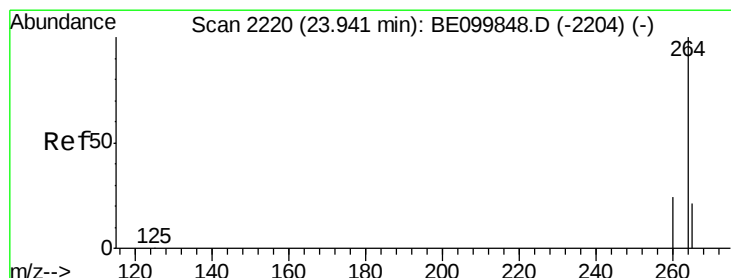
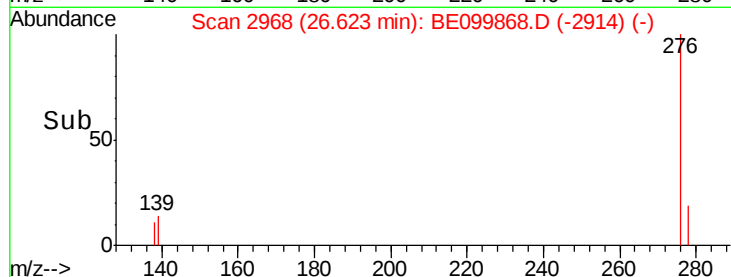
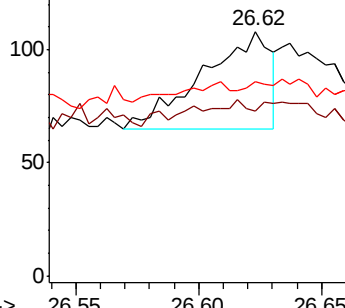


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

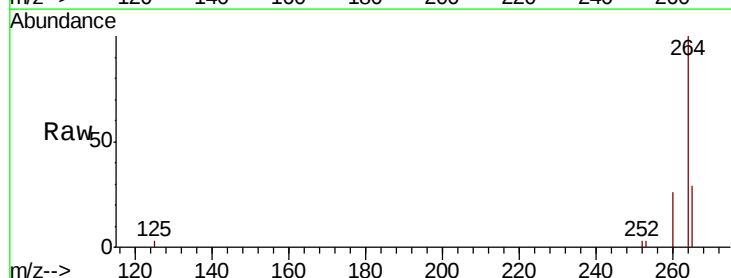
Tgt Ion:264 Resp: 11615

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 28.8 20.7 31.1

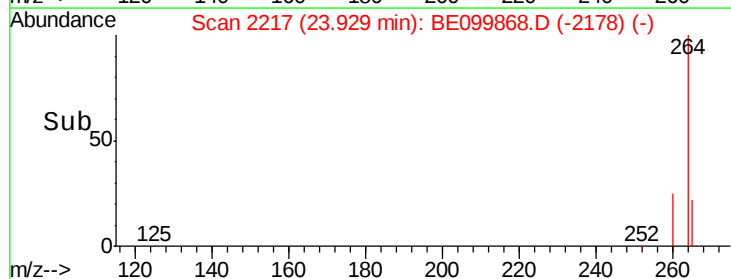
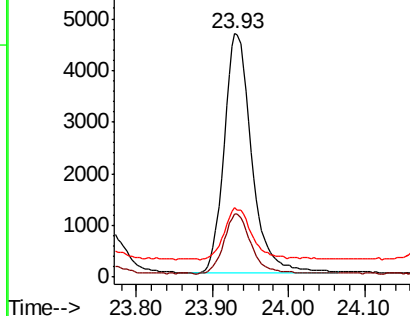


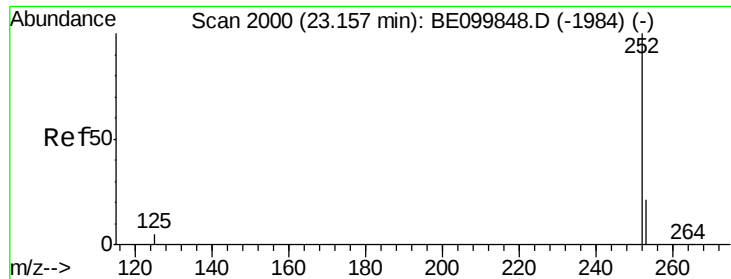
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.16 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

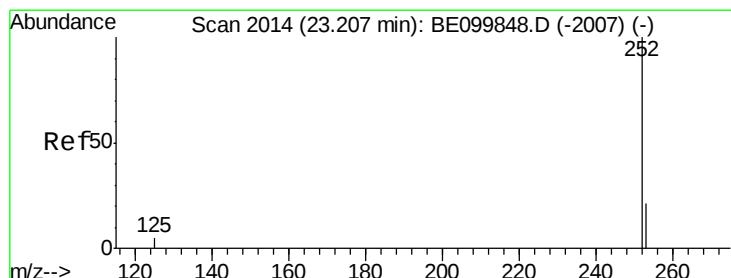
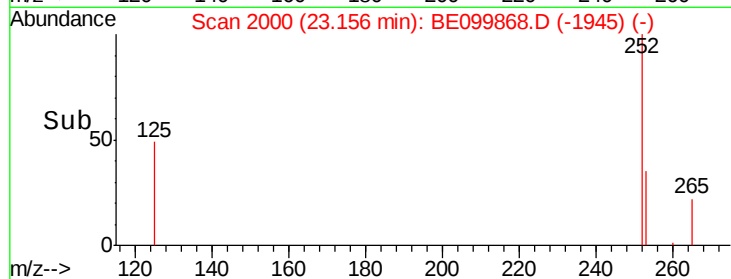
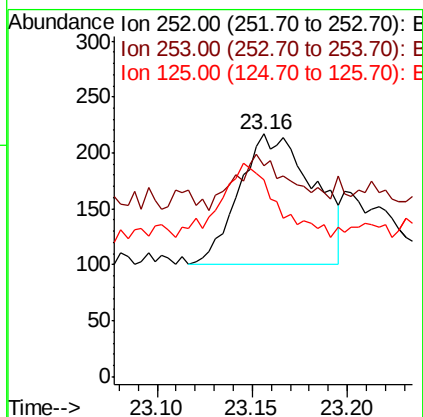
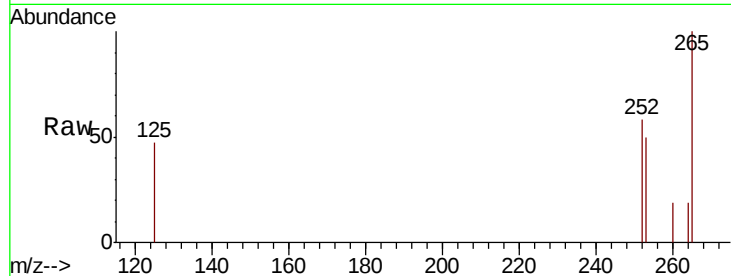
Tgt Ion:252 Resp: 318

Ion Ratio Lower Upper

252 100

253 87.1 18.9 28.3#

125 81.1 7.6 11.4#



#36

Benzo(k)fluoranthene

Concen: 0.010 ng

RT: 23.16 min Scan# 2000

Delta R.T. -0.05 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

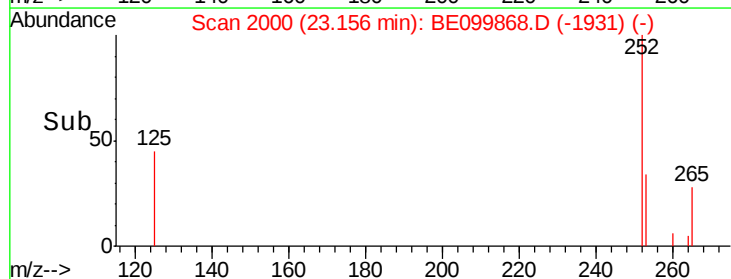
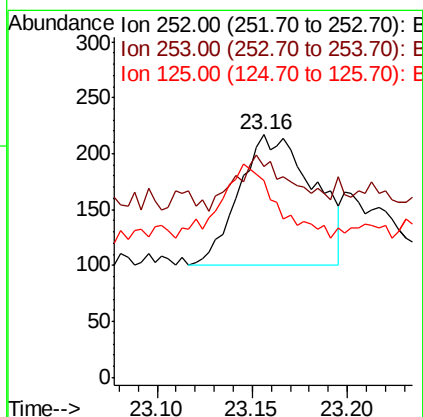
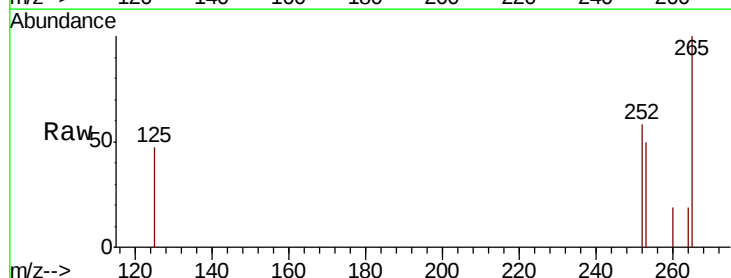
Tgt Ion:252 Resp: 318

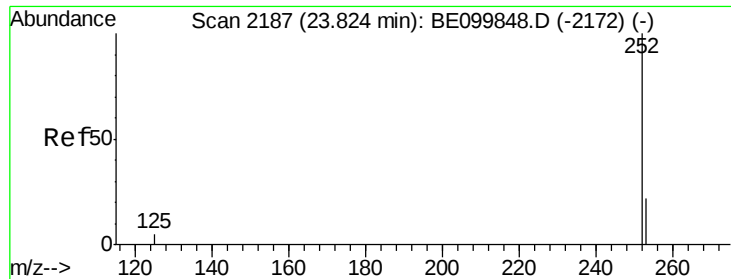
Ion Ratio Lower Upper

252 100

253 87.1 18.4 27.6#

125 81.1 4.6 7.0#





#37

Benzo(a)pyrene

Concen: 0.005 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.02 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606

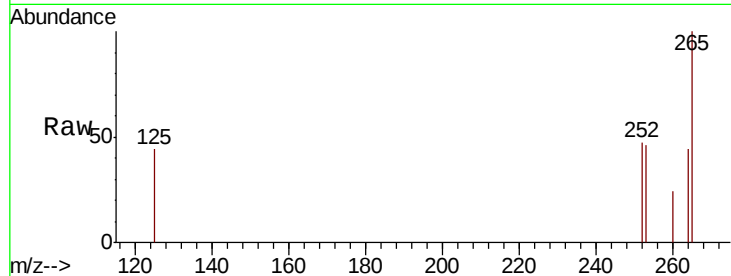
Tgt Ion: 252 Resp: 143

Ion Ratio Lower Upper

252 100

253 97.6 19.3 28.9#

125 93.5 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

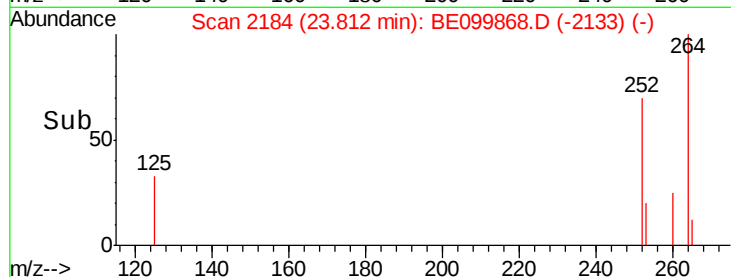
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

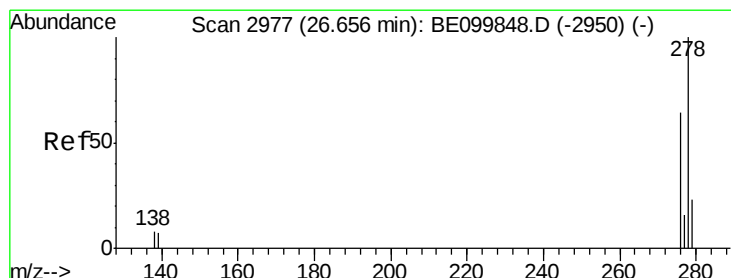
23.81

23.80

23.85



Time-->



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BE099868.D

Acq: 8 Jun 2019 00:30

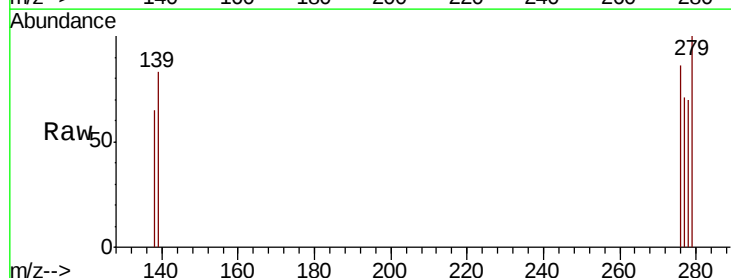
Tgt Ion: 278 Resp: 16

Ion Ratio Lower Upper

278 100

139 117.9 7.9 11.9#

279 142.3 18.5 27.7#



Abundance Ion 278.00 (277.70 to 278.70): E

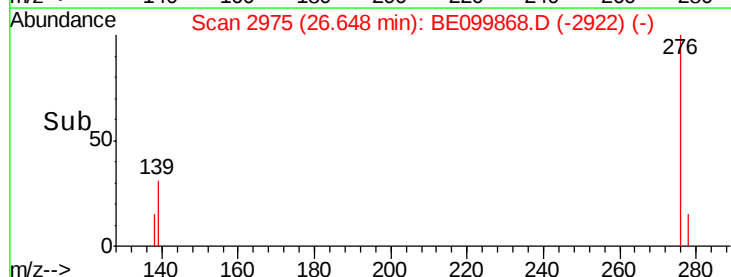
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

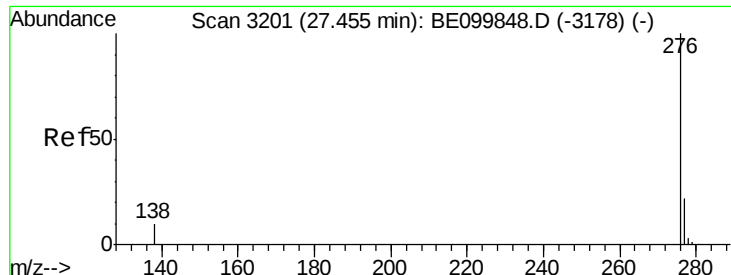
26.65

26.64

26.66



Time-->



#39

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 27.46 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BE099868.D

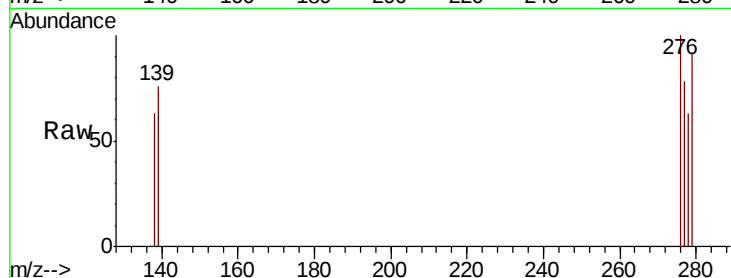
Acq: 8 Jun 2019 00:30

Instrument :

BNA_E

ClientSampleId :

BP-DUP04-20190606



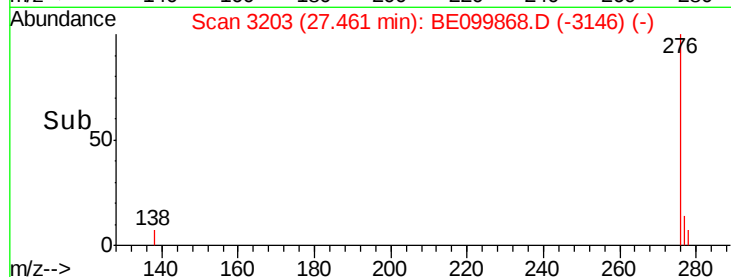
Tgt Ion: 276 Resp: 133

Ion Ratio Lower Upper

276 100

277 77.7 19.6 29.4#

138 62.5 9.0 13.4#



Abundance Ion 276.00 (275.70 to 276.70): E

150 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

100

27.46

75

50

25

0

Time-->