

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE100004.D
 Acq On : 13 Jun 2019 23:49
 Operator : JU/SJ
 Sample : K3280-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

Quant Time: Jun 14 03:27:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	761	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2612	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1997	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7231	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	10233	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11612	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	329	0.16	ng	0.00
5) Phenol-d6	6.98	99	261	0.10	ng	0.00
8) Nitrobenzene-d5	8.96	82	984	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2448	0.54	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	749	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3519	0.46	ng	-0.01
25) Fluoranthene-d10	19.24	212	35470	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9921	0.54	ng	0.00

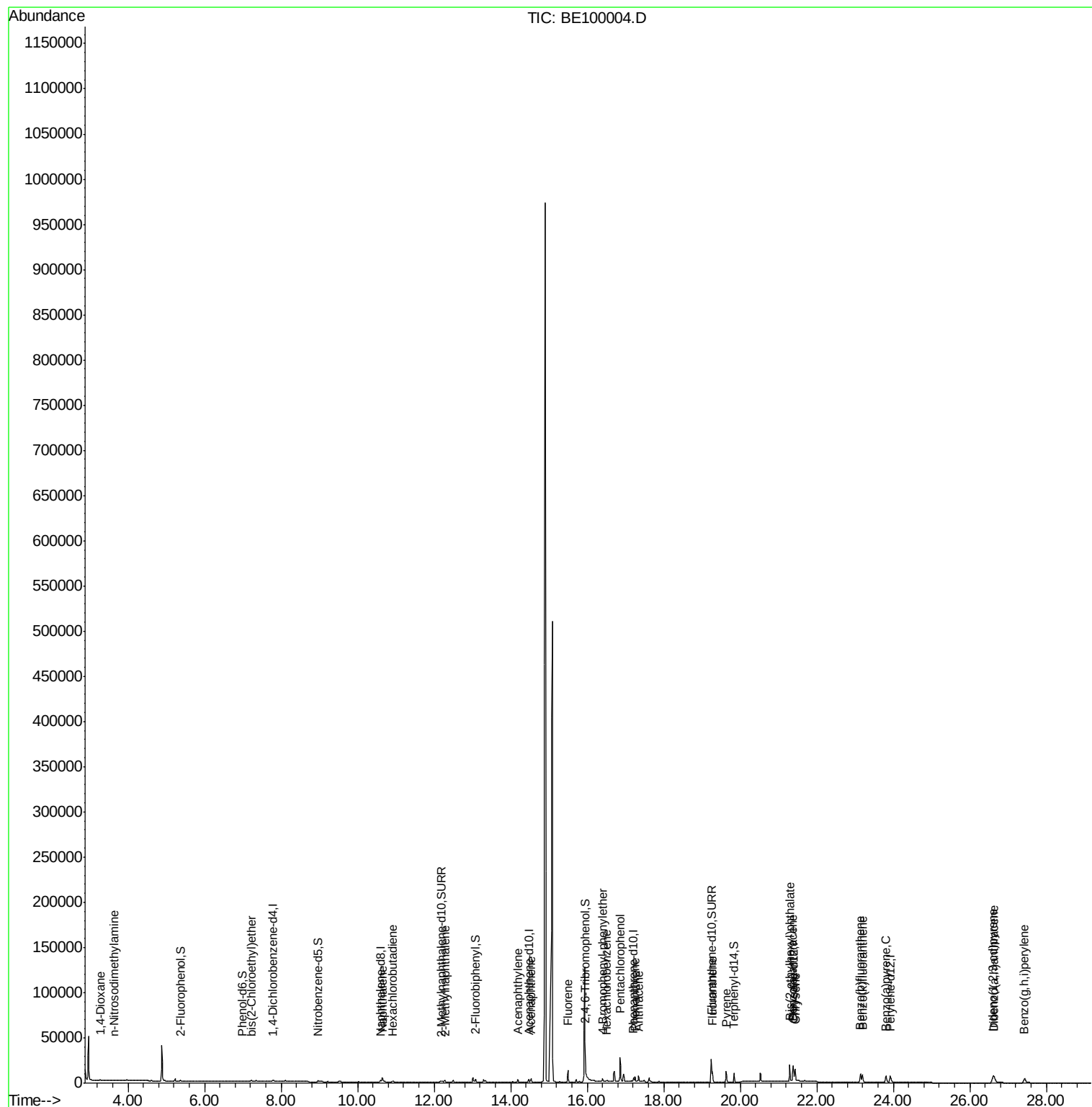
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	336	0.298	ng	# 73
3) n-Nitrosodimethylamine	3.64	42	77	0.119	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	853	0.395	ng	# 73
9) Naphthalene	10.64	128	11047	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	844	0.392	ng	98
12) 2-Methylnaphthalene	12.28	142	1907	0.416	ng	97
16) Acenaphthylene	14.18	152	3795	0.382	ng	99
17) Acenaphthene	14.53	154	2088	0.386	ng	97
18) Fluorene	15.50	166	4932	0.607	ng	87
20) 4-Bromophenyl-phenylether	16.40	248	1553	0.379	ng	# 89
21) Hexachlorobenzene	16.51	284	1548	0.370	ng	# 87
22) Pentachlorophenol	16.85	266	15102	7.795	ng	# 82
23) Phenanthrene	17.24	178	7264	0.414	ng	99
24) Anthracene	17.34	178	7121	0.443	ng	99
26) Fluoranthene	19.27	202	12352	0.414	ng	99
28) Pyrene	19.63	202	12948	0.482	ng	99
30) Benzo(a)anthracene	21.38	228	14739	0.482	ng	98
31) Chrysene	21.44	228	15065	0.476	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18751	0.427	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	16888	0.450	ng	99
35) Benzo(b)fluoranthene	23.14	252	14392	0.442	ng	99
36) Benzo(k)fluoranthene	23.19	252	15080	0.443	ng	99
37) Benzo(a)pyrene	23.81	252	14022	0.437	ng	# 98
38) Dibenzo(a,h)anthracene	26.63	278	13719	0.425	ng	99
39) Benzo(g,h,i)perylene	27.43	276	14626	0.438	ng	99

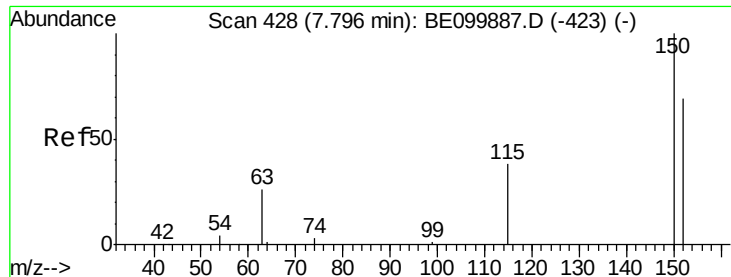
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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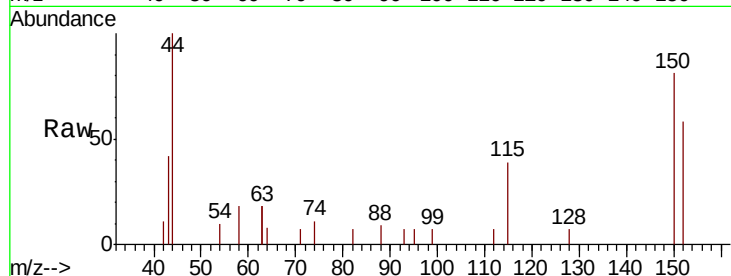


#1

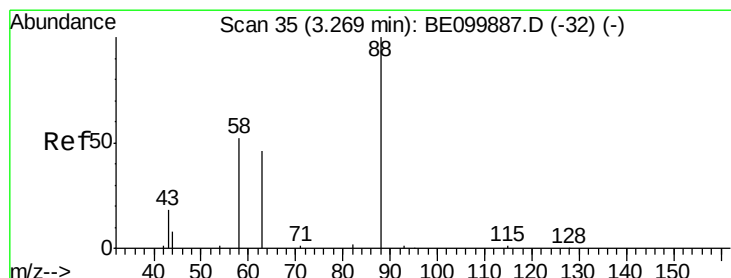
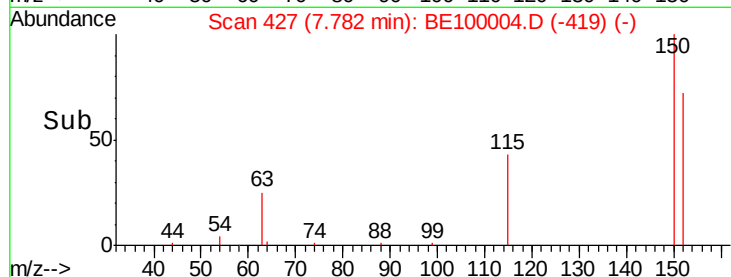
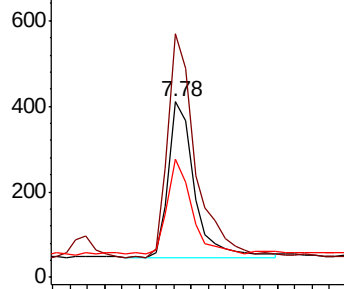
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion: 152 Resp: 761
Ion Ratio Lower Upper
152 100
150 138.8 111.0 166.6
115 67.1 50.7 76.1



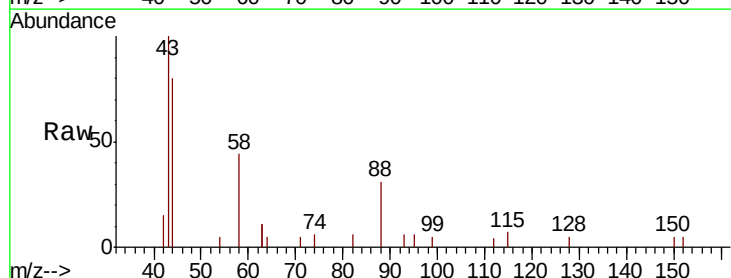
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



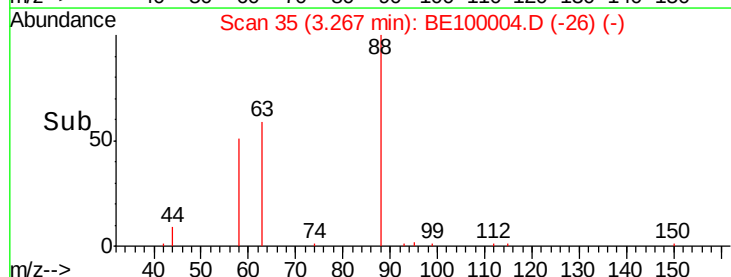
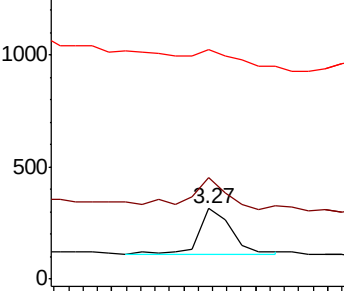
#2

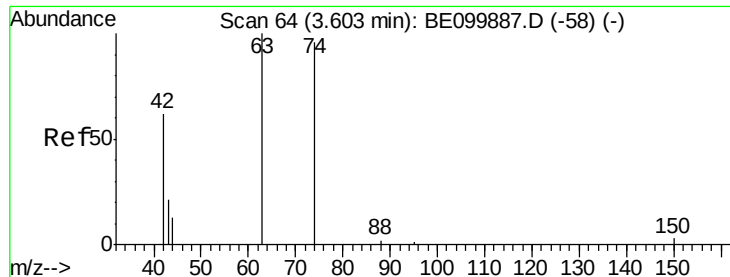
1,4-Dioxane
Concen: 0.298 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion: 88 Resp: 336
Ion Ratio Lower Upper
88 100
58 75.6 48.8 73.2#
43 0.0 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.119 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

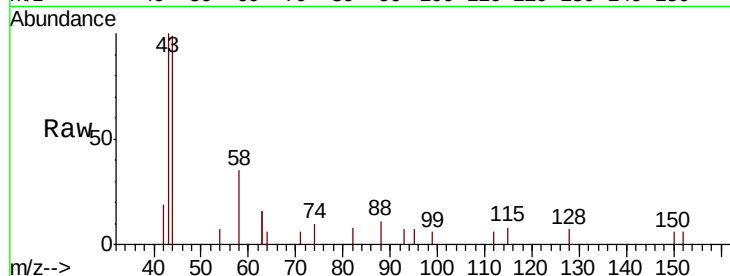
Tgt Ion: 42 Resp: 77

Ion Ratio Lower Upper

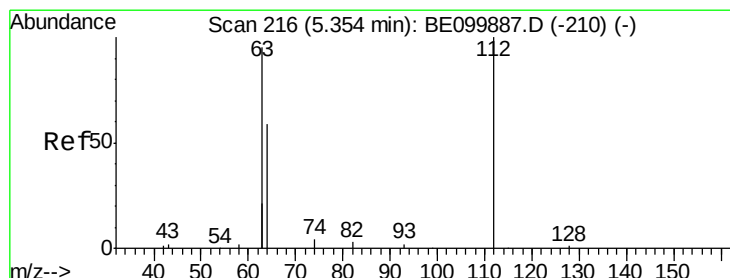
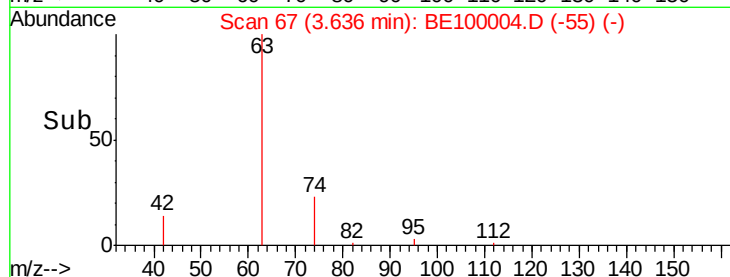
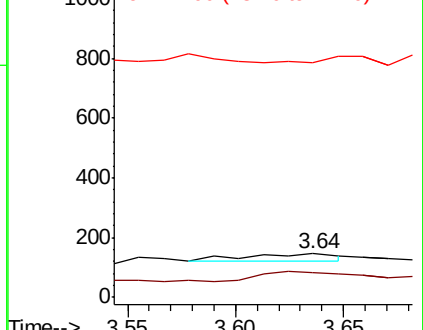
42 100

74 110.4 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

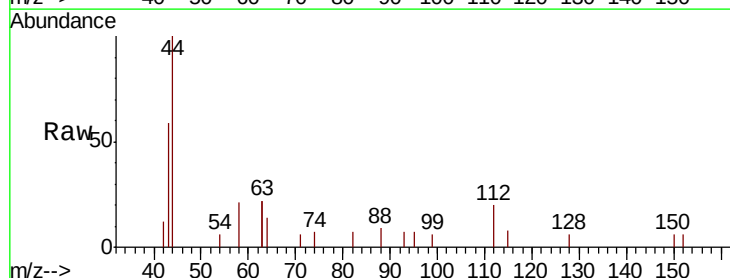
Tgt Ion: 112 Resp: 329

Ion Ratio Lower Upper

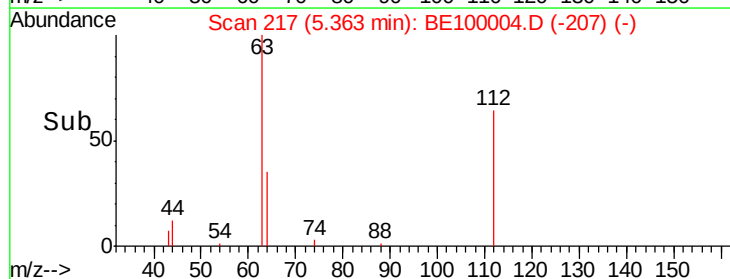
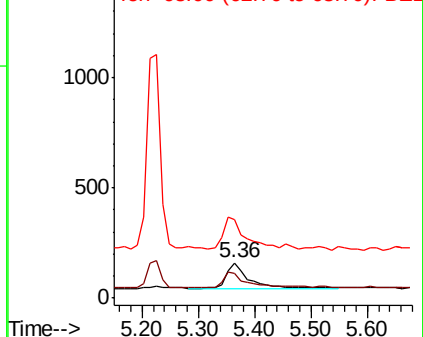
112 100

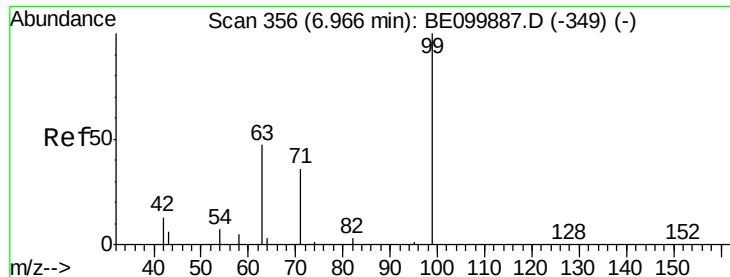
64 57.4 44.1 66.1

63 116.4 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

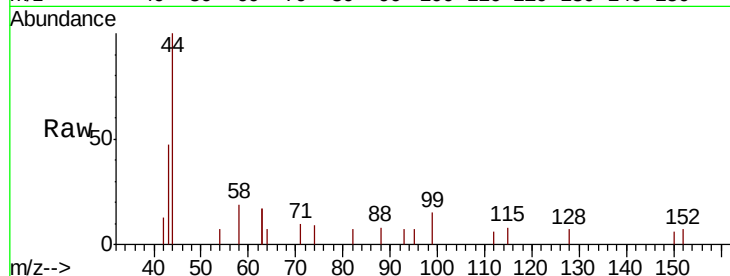
Tgt Ion: 99 Resp: 261

Ion Ratio Lower Upper

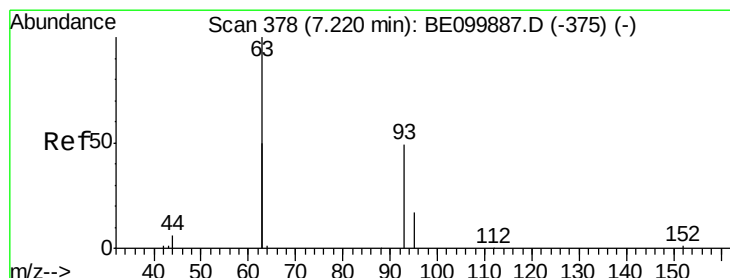
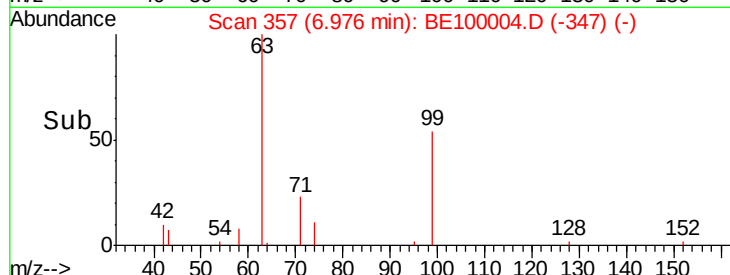
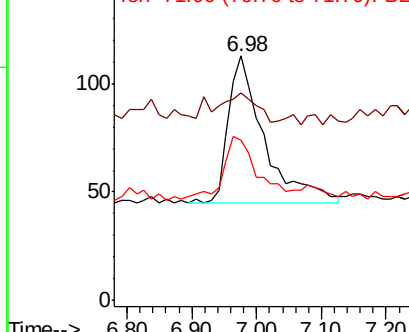
99 100

42 14.2 15.9 23.9#

71 39.1 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

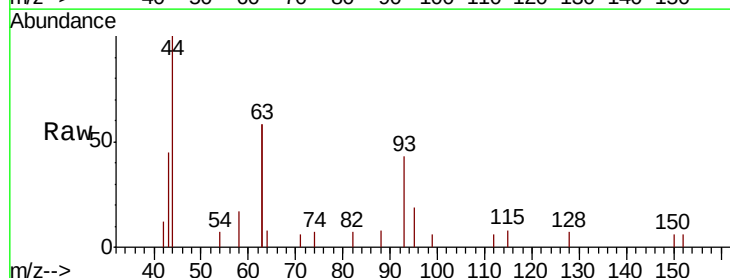
Tgt Ion: 93 Resp: 853

Ion Ratio Lower Upper

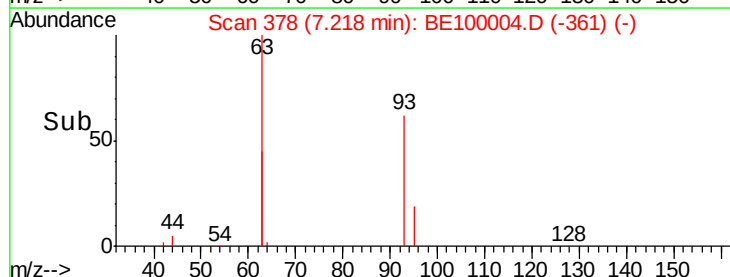
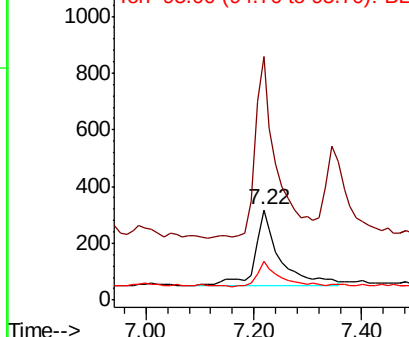
93 100

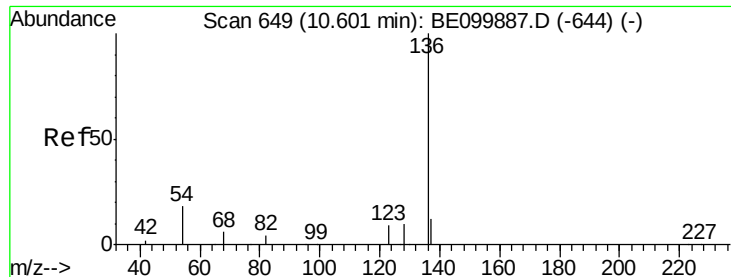
63 200.7 202.8 304.2#

95 29.4 23.7 35.5



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tgt Ion: 136 Resp: 2612

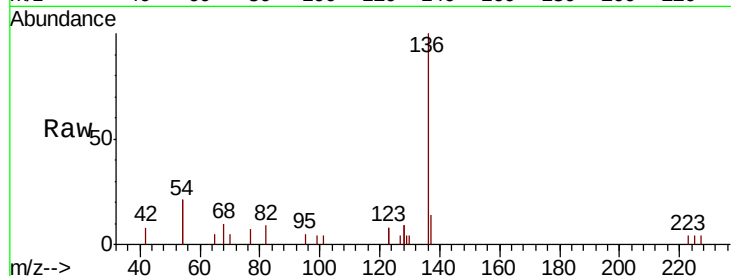
Ion Ratio Lower Upper

136 100

137 13.7 12.3 18.5

54 41.5 28.2 42.4

68 10.0 7.8 11.8

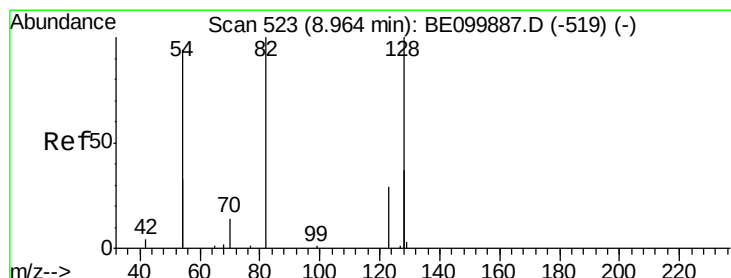
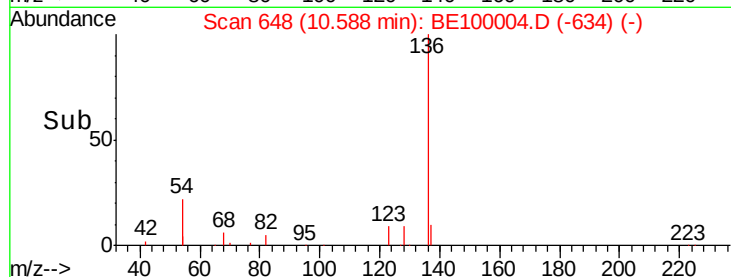
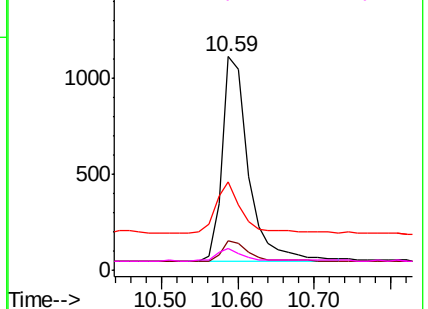


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.398 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

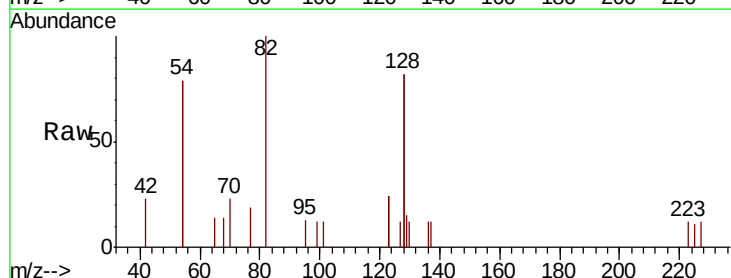
Tgt Ion: 82 Resp: 984

Ion Ratio Lower Upper

82 100

128 163.2 137.3 205.9

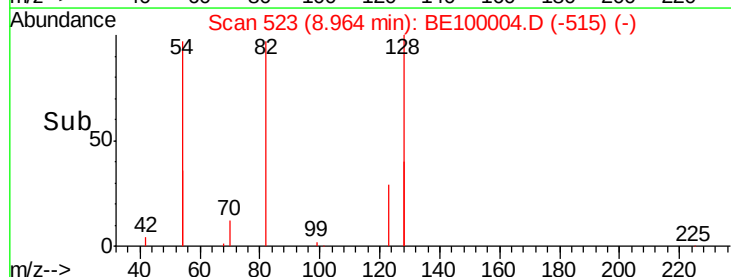
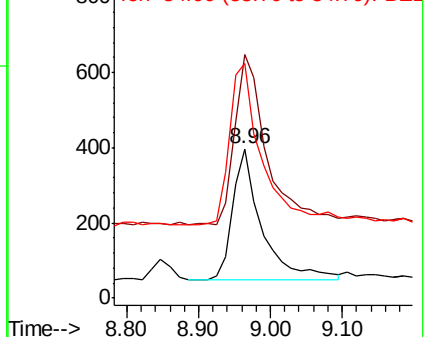
54 157.7 129.7 194.5

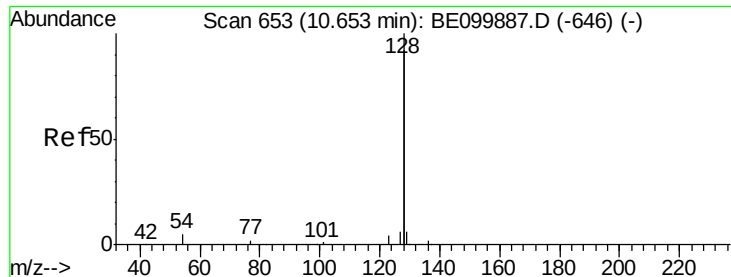


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.392 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

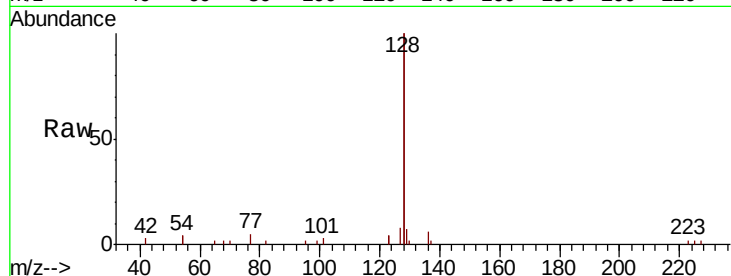
Tgt Ion:128 Resp: 11047

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

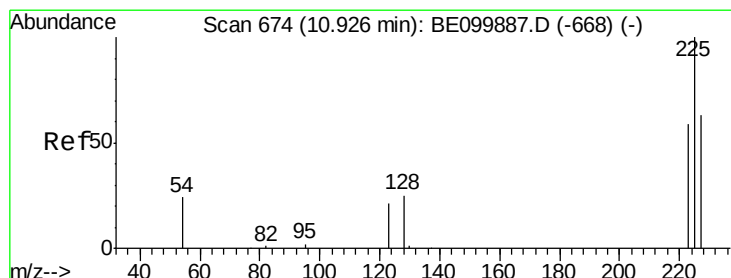
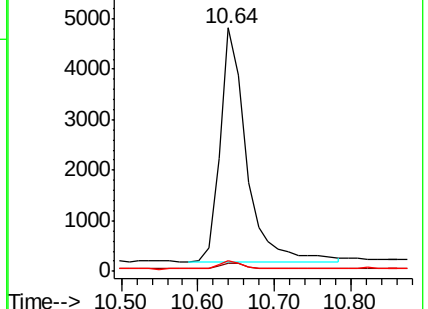
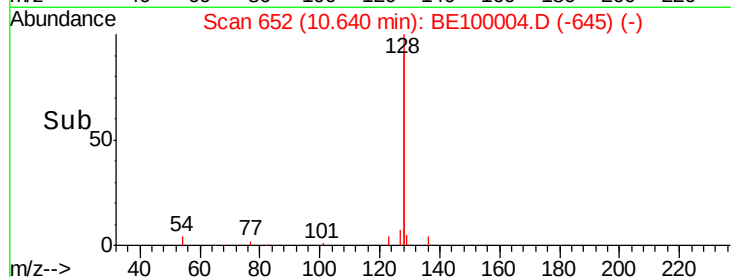
127 4.2 3.4 5.0



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: 0.392 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

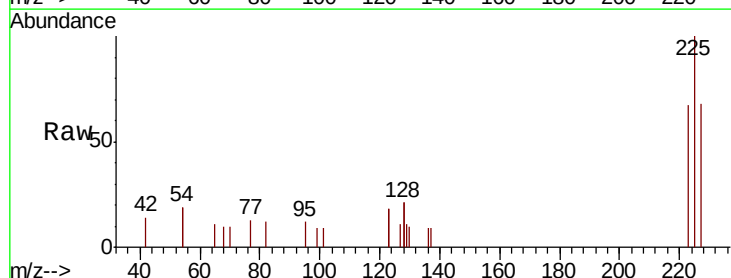
Tgt Ion:225 Resp: 844

Ion Ratio Lower Upper

225 100

223 65.3 51.6 77.4

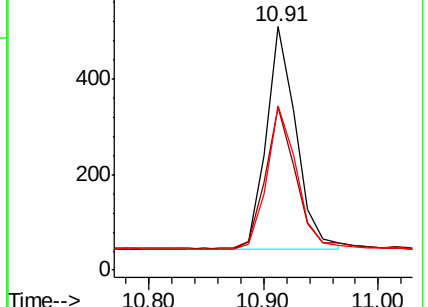
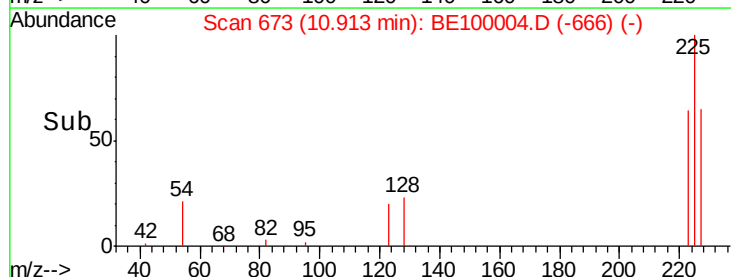
227 65.0 50.6 76.0

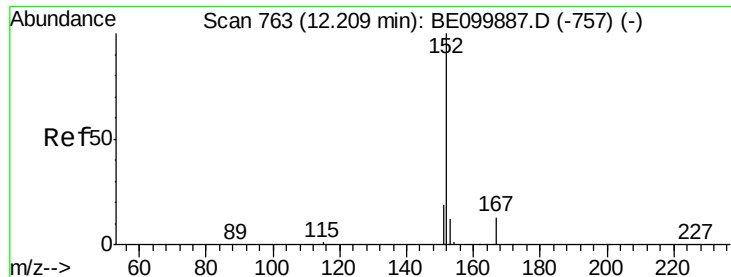


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

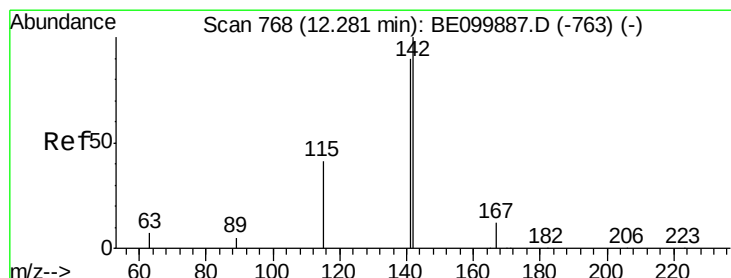
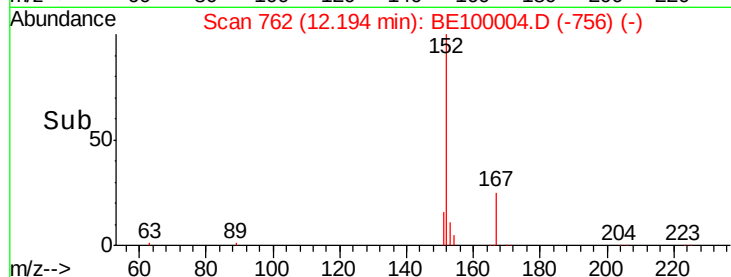
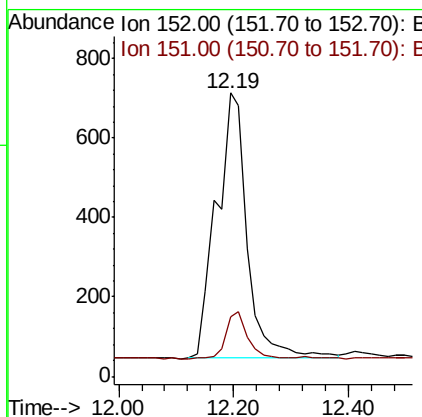
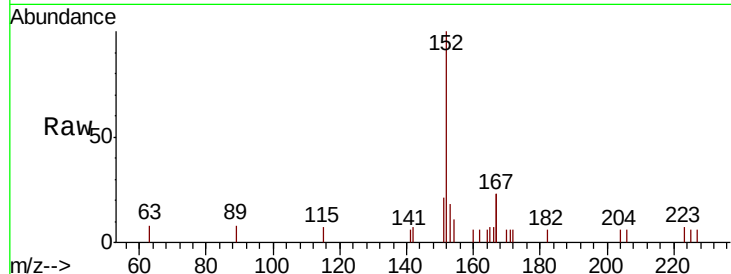




#11
 2-Methylnaphthalene-d10
 Concen: 0.537 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

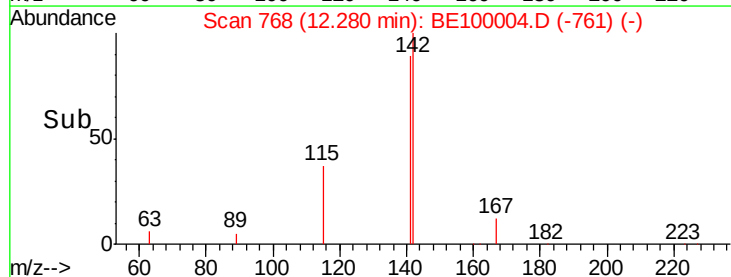
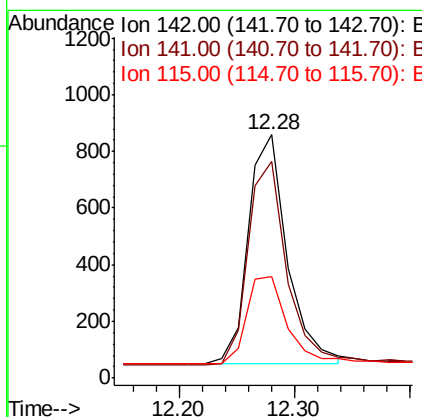
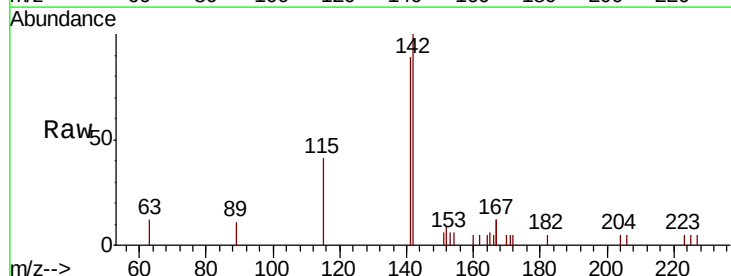
Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

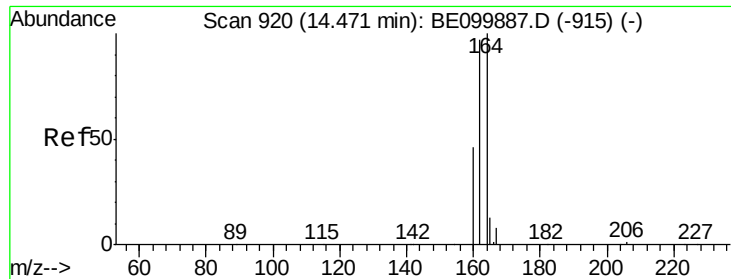
Tgt Ion:152 Resp: 2448
 Ion Ratio Lower Upper
 152 100
 151 12.6 15.2 22.8#



#12
 2-Methylnaphthalene
 Concen: 0.416 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

Tgt Ion:142 Resp: 1907
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.3 108.5
 115 41.4 36.4 54.6

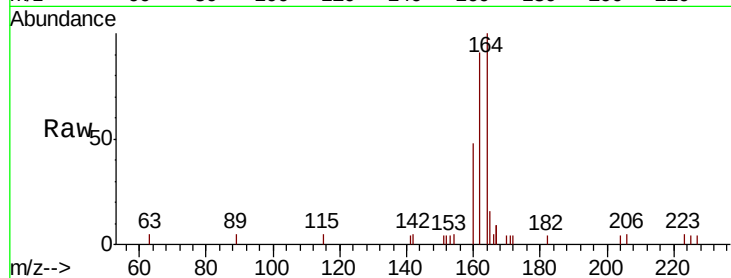




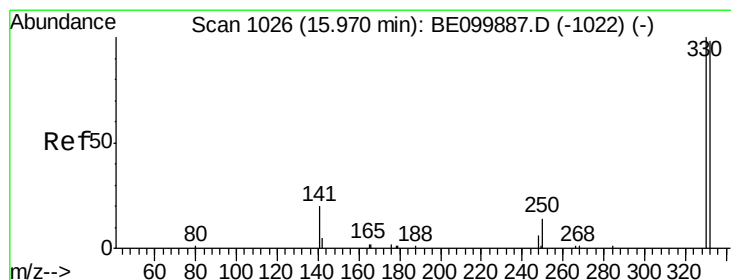
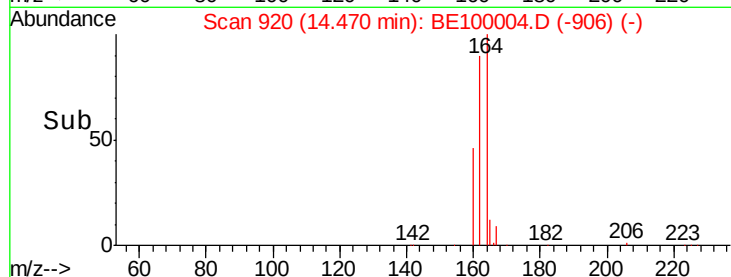
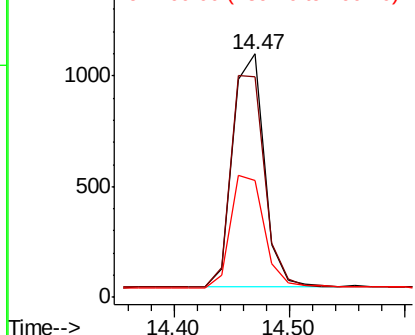
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion:164 Resp: 1997
Ion Ratio Lower Upper
164 100
162 90.5 77.8 116.8
160 48.2 38.2 57.4

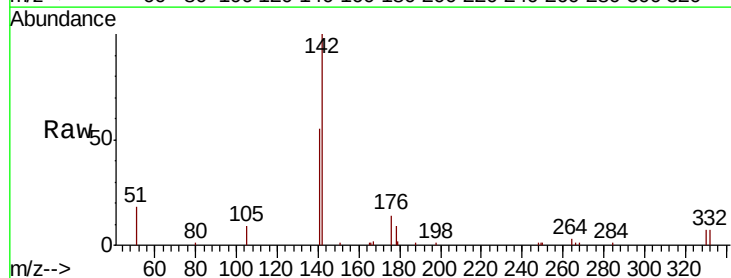


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

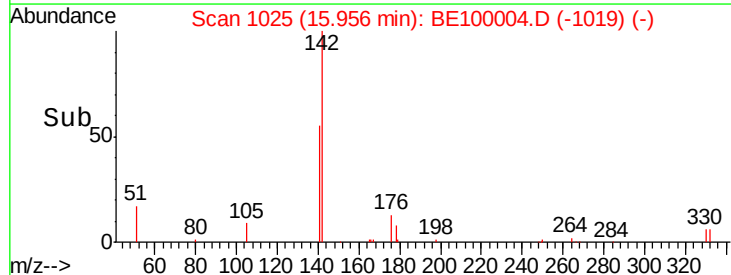
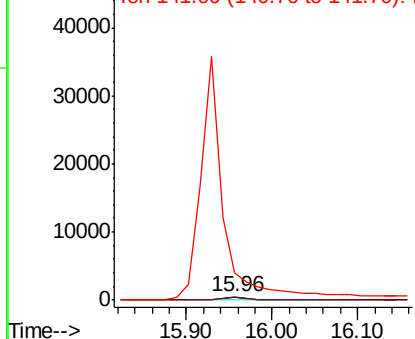


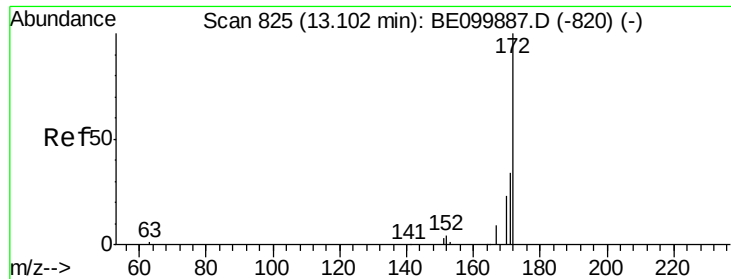
#14
2,4,6-Tribromophenol
Concen: 0.507 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion:330 Resp: 749
Ion Ratio Lower Upper
330 100
332 99.5 76.7 115.1
141 0.0 21.0 31.6#



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

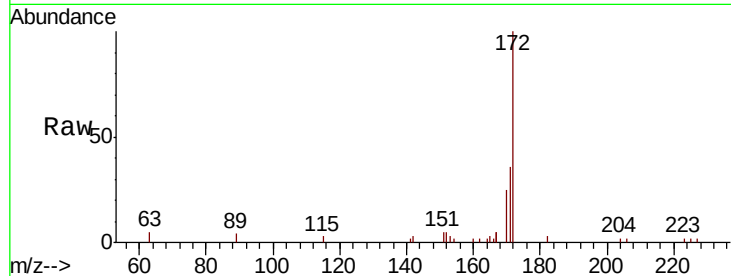




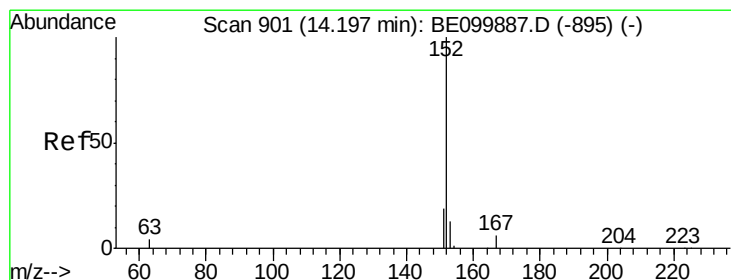
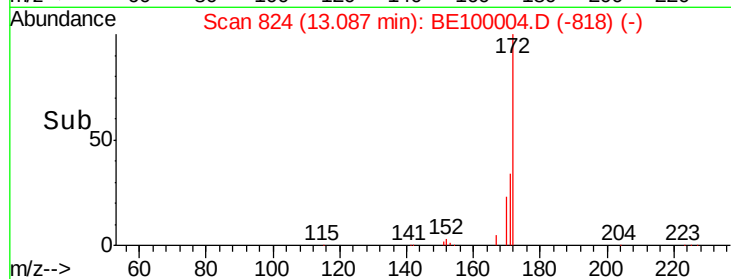
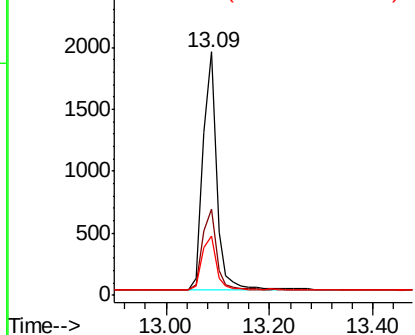
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion:172 Resp: 3519
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 24.6 21.2 31.8

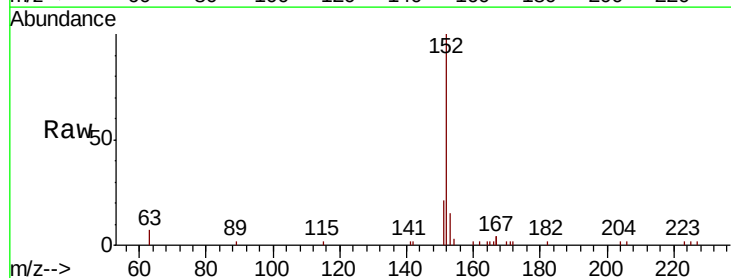


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

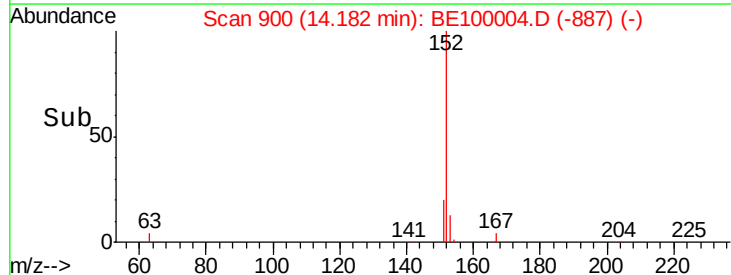
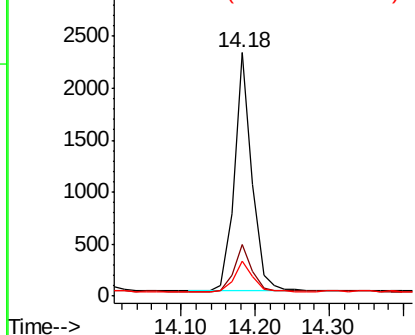


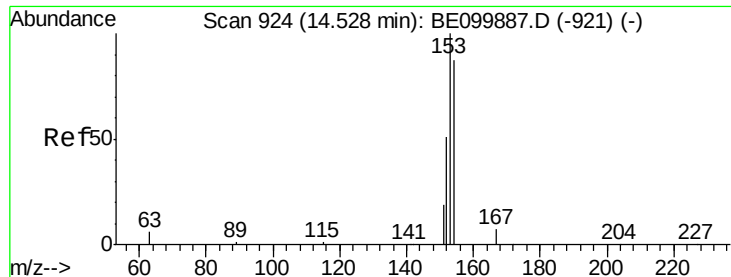
#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion:152 Resp: 3795
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.0 10.2 15.2



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

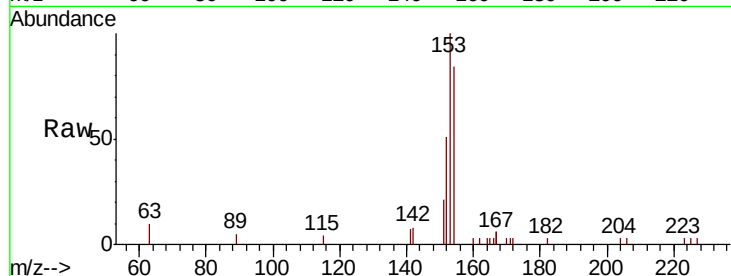




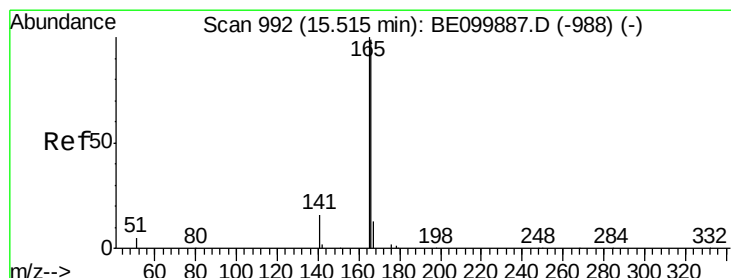
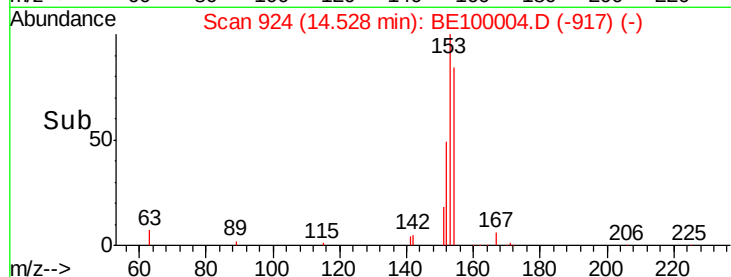
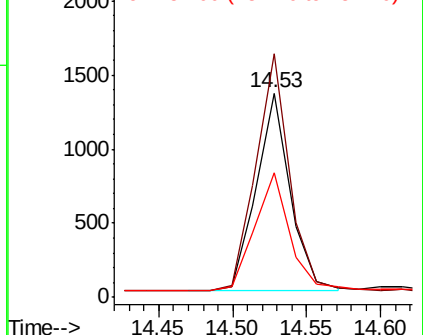
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion:154 Resp: 2088
Ion Ratio Lower Upper
154 100
153 118.7 93.1 139.7
152 61.5 47.0 70.4

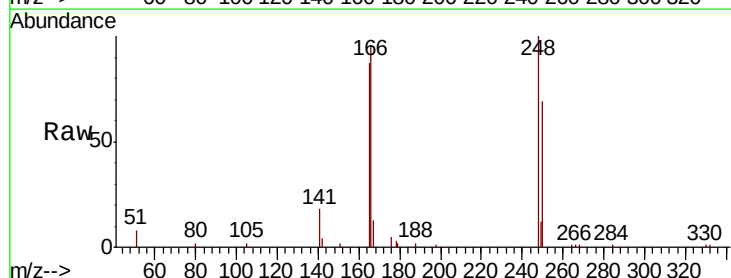


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

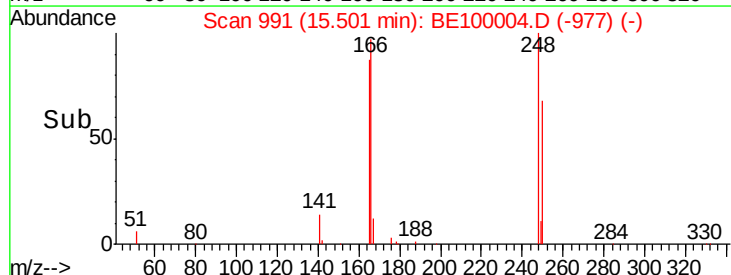
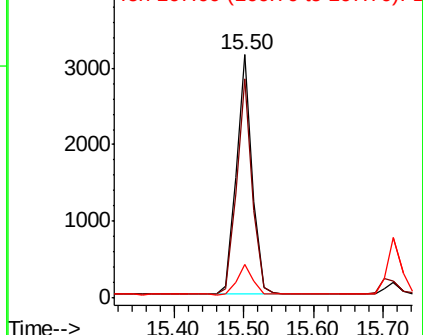


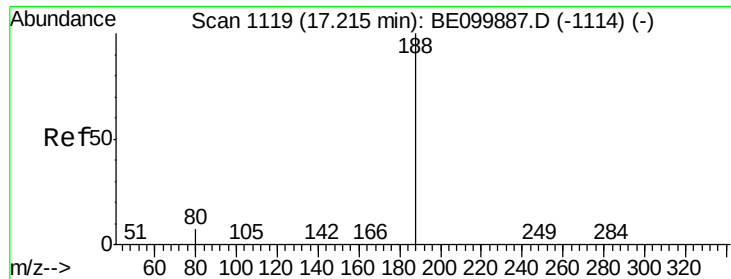
#18
Fluorene
Concen: 0.607 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion:166 Resp: 4932
Ion Ratio Lower Upper
166 100
165 88.1 81.8 122.8
167 12.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

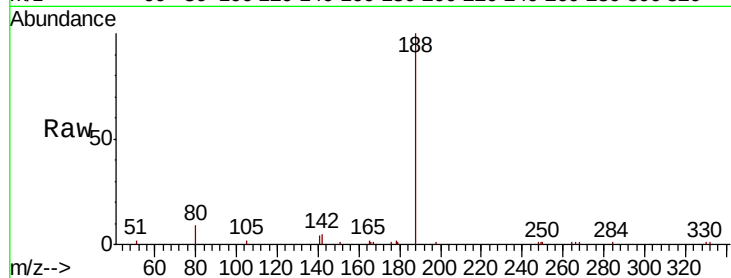
Tgt Ion:188 Resp: 7231

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

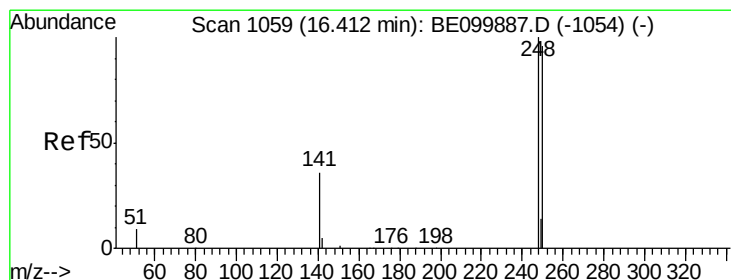
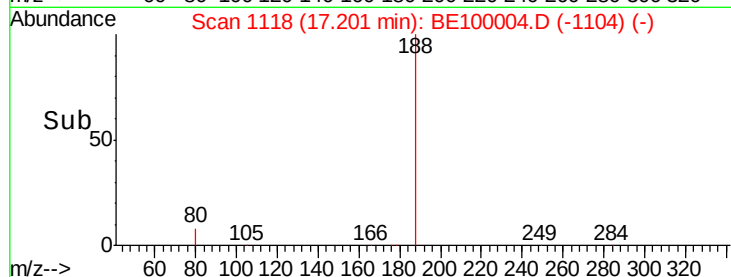
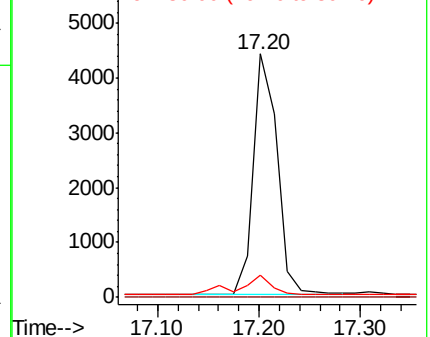
80 9.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.379 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

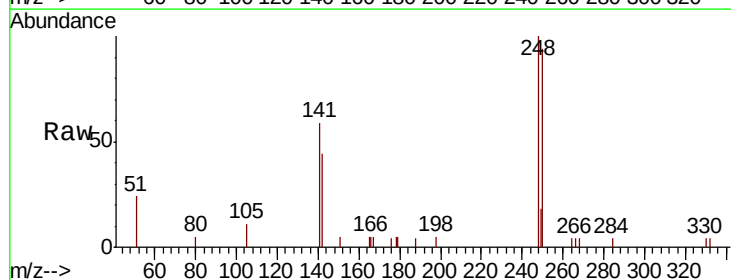
Tgt Ion:248 Resp: 1553

Ion Ratio Lower Upper

248 100

250 94.4 77.5 116.3

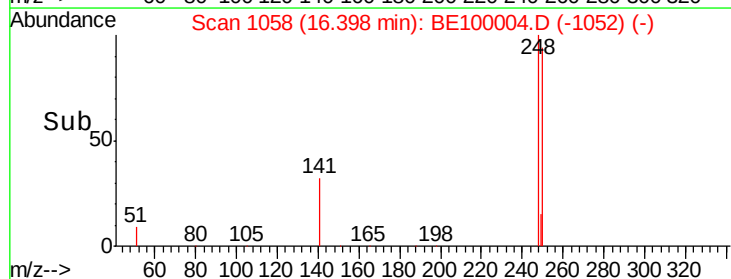
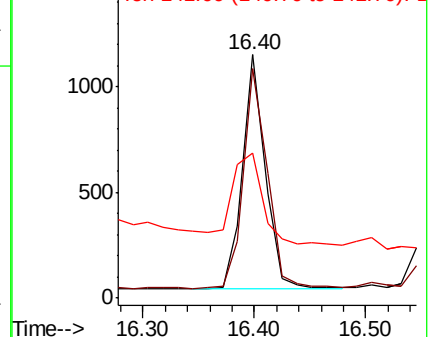
141 59.5 31.8 47.8#

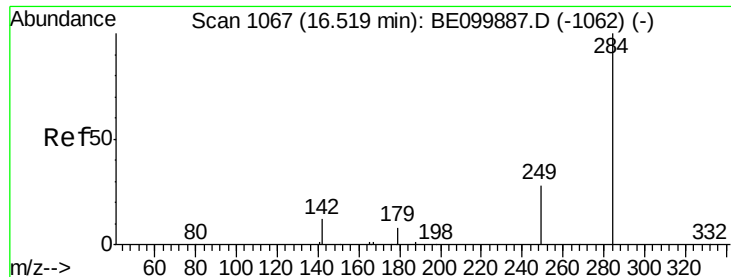


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

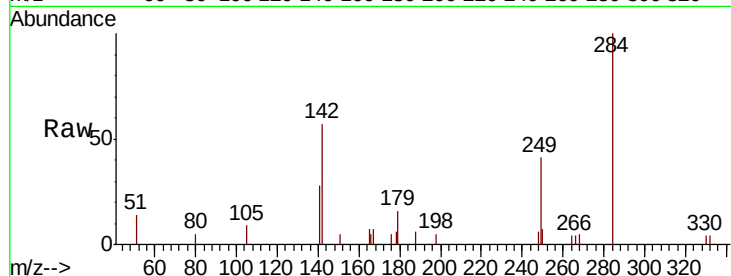




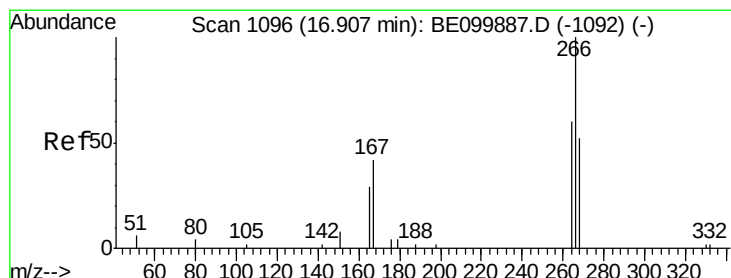
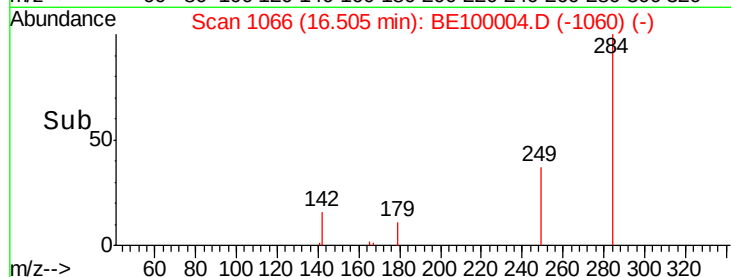
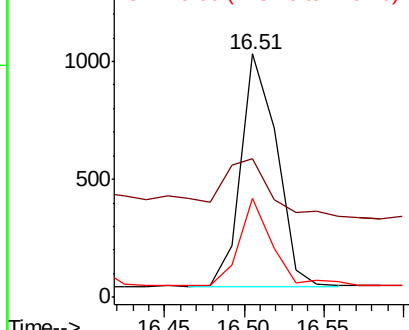
#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion: 284 Resp: 1548
Ion Ratio Lower Upper
284 100
142 32.3 18.2 27.4#
249 35.2 24.6 37.0

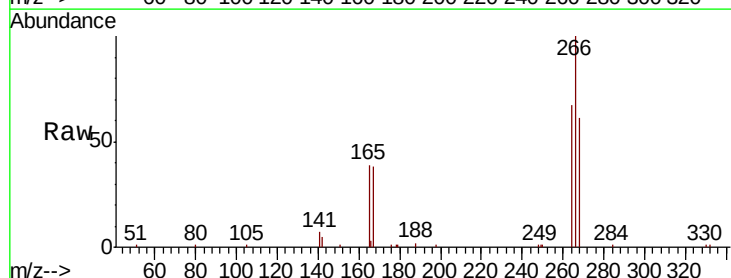


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

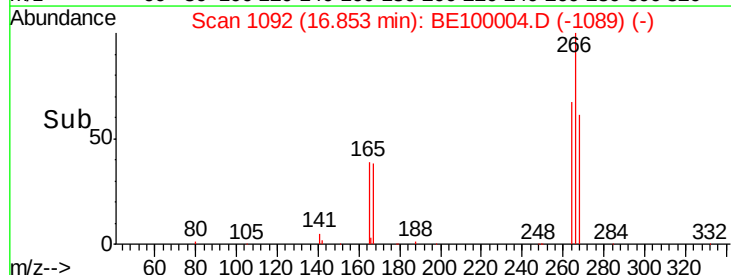
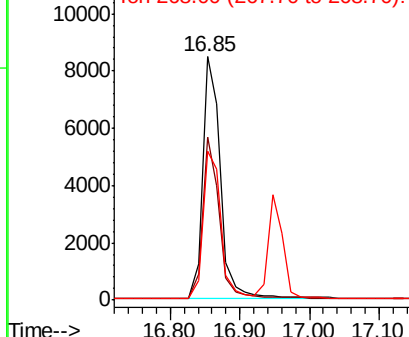


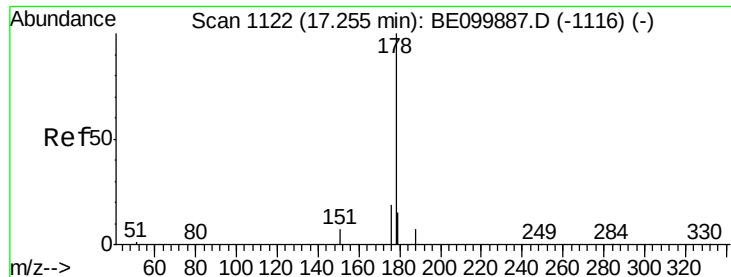
#22
Pentachlorophenol
Concen: 7.795 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.05 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion: 266 Resp: 15102
Ion Ratio Lower Upper
266 100
264 66.8 62.2 93.2
268 61.0 65.5 98.3#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.414 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

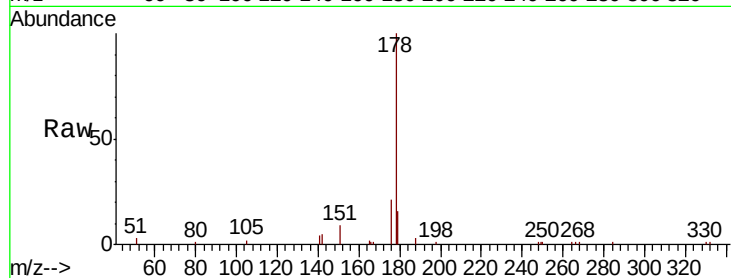
Tgt Ion:178 Resp: 7264

Ion Ratio Lower Upper

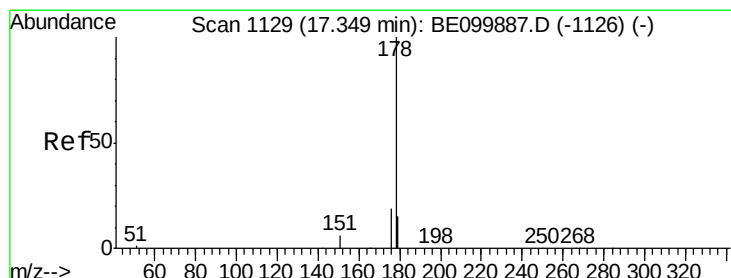
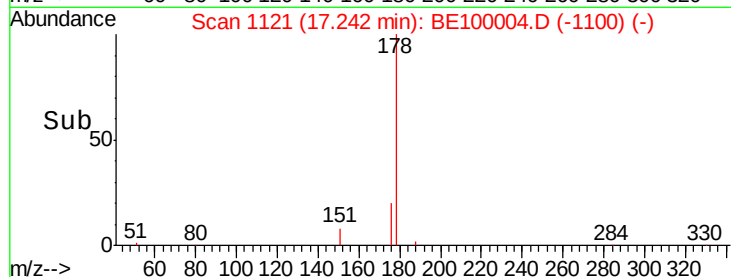
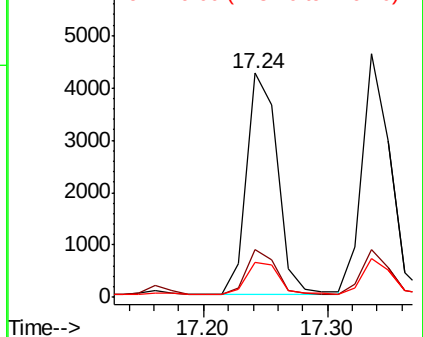
178 100

176 19.3 15.8 23.8

179 14.7 12.4 18.6



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: 0.443 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

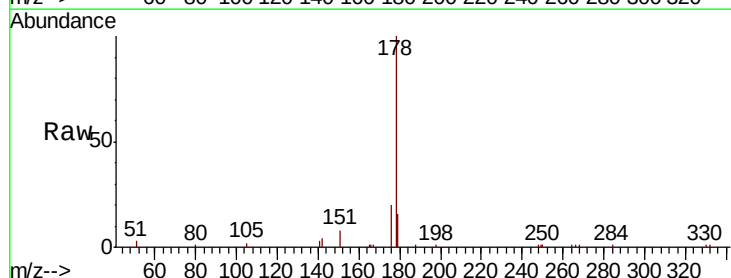
Tgt Ion:178 Resp: 7121

Ion Ratio Lower Upper

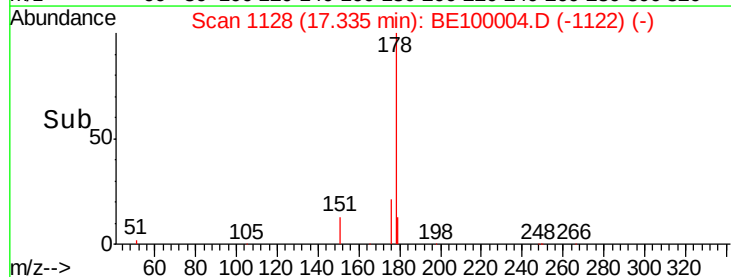
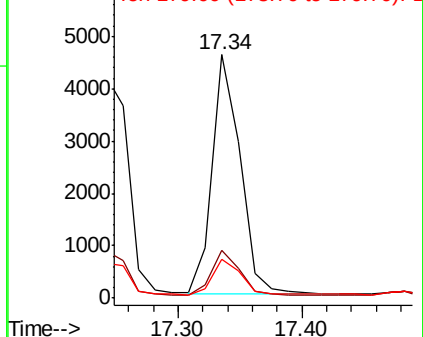
178 100

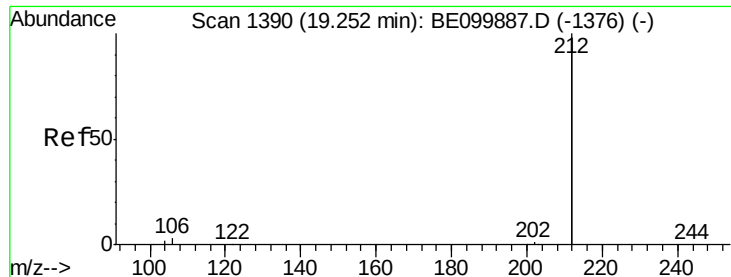
176 18.6 14.6 22.0

179 14.8 12.3 18.5



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: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

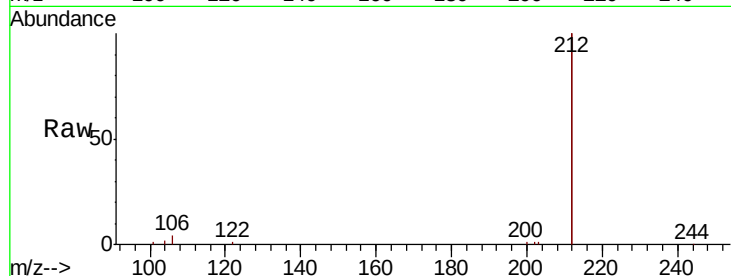
Tgt Ion:212 Resp: 35470

Ion Ratio Lower Upper

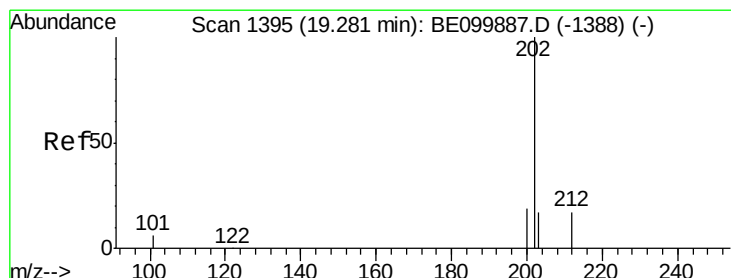
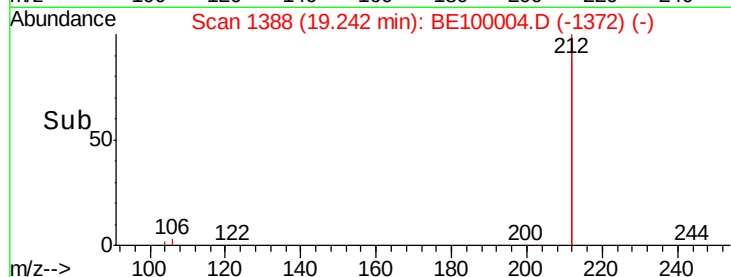
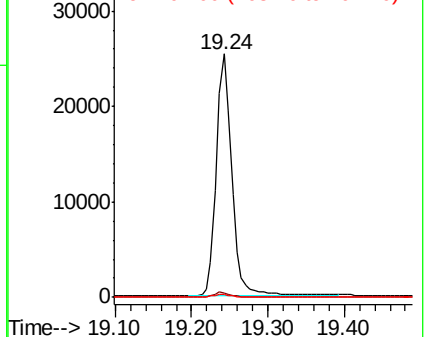
212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3



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: 0.414 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

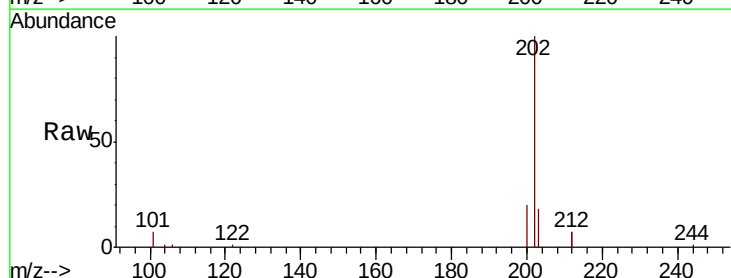
Tgt Ion:202 Resp: 12352

Ion Ratio Lower Upper

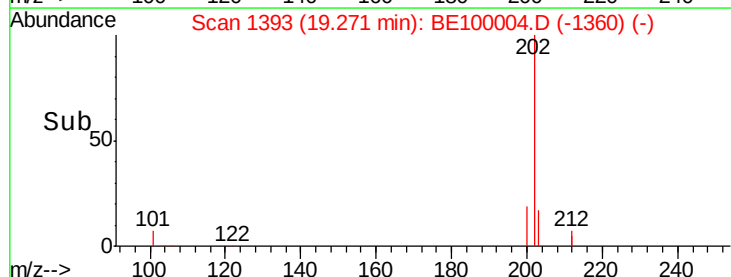
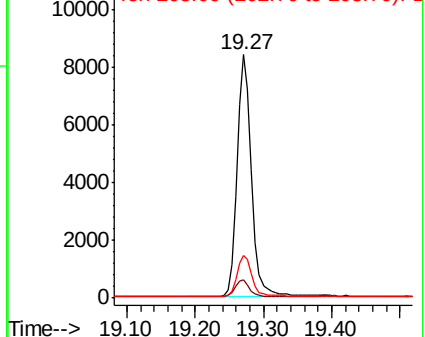
202 100

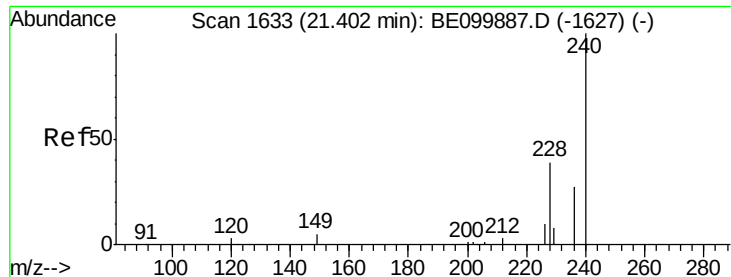
101 6.8 5.4 8.0

203 17.2 13.2 19.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

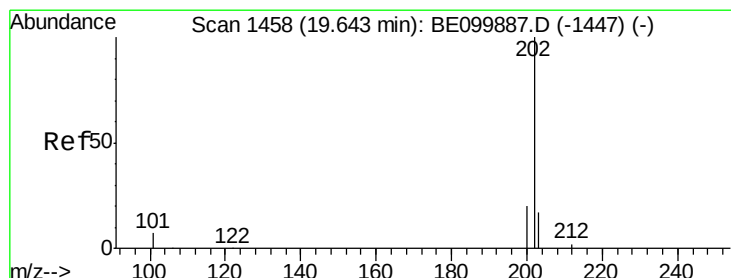
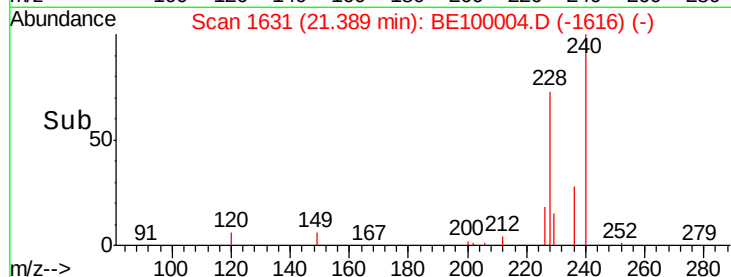
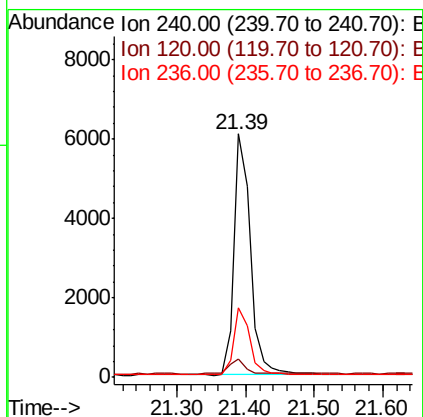
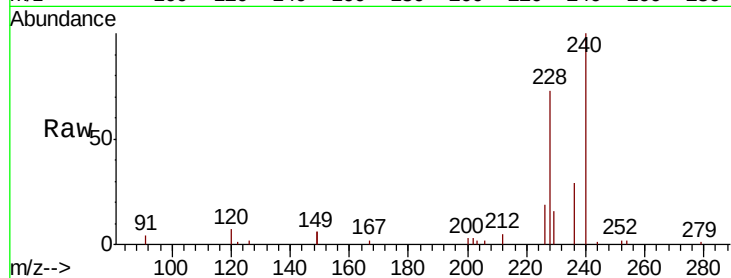




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

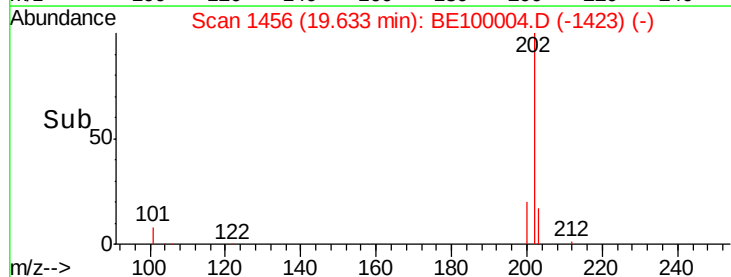
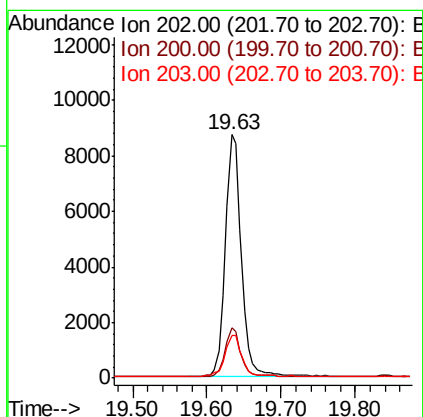
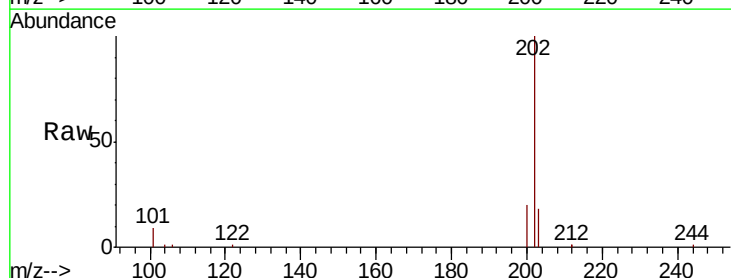
Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

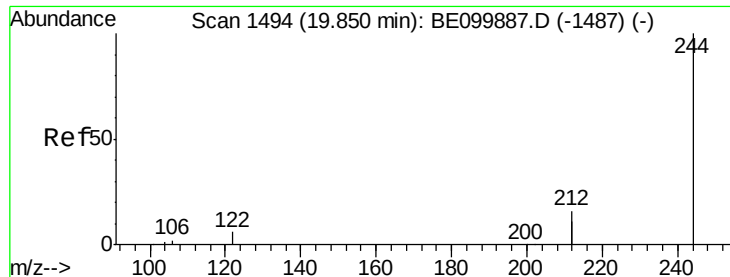
Tgt Ion:240 Resp: 10233
 Ion Ratio Lower Upper
 240 100
 120 7.3 3.8 5.6#
 236 28.6 22.0 33.0



#28
 Pyrene
 Concen: 0.482 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

Tgt Ion:202 Resp: 12948
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.5 23.3
 203 18.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

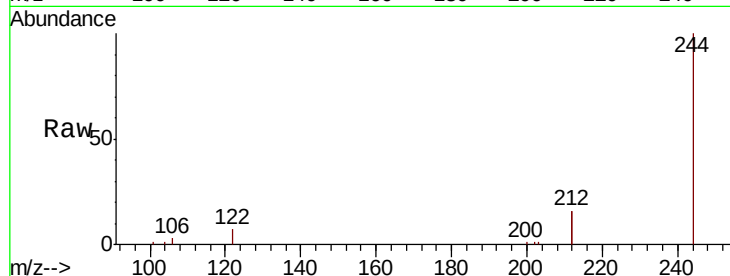
Tgt Ion:244 Resp: 9921

Ion Ratio Lower Upper

244 100

212 31.3 25.7 38.5

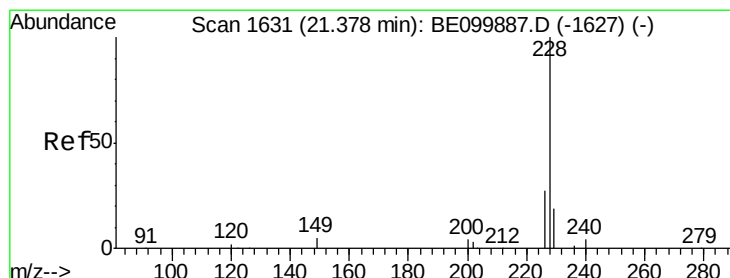
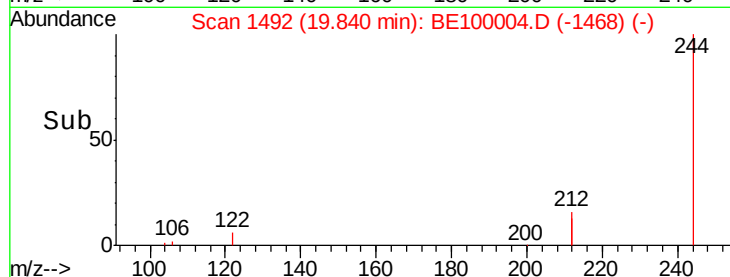
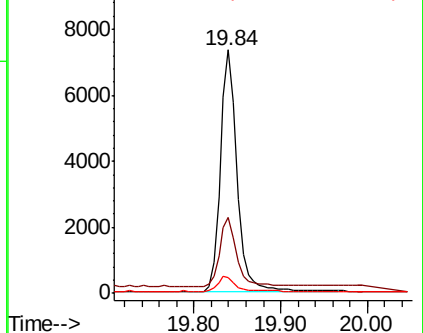
122 6.7 5.5 8.3



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: 0.482 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

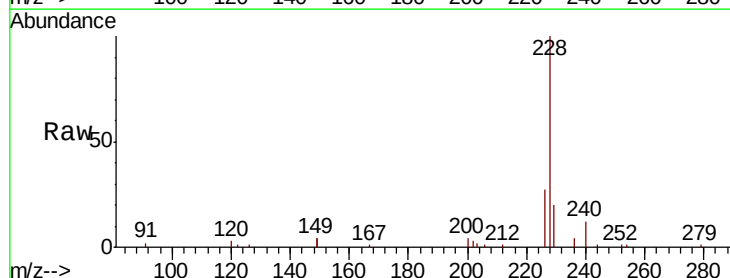
Tgt Ion:228 Resp: 14739

Ion Ratio Lower Upper

228 100

226 26.6 22.5 33.7

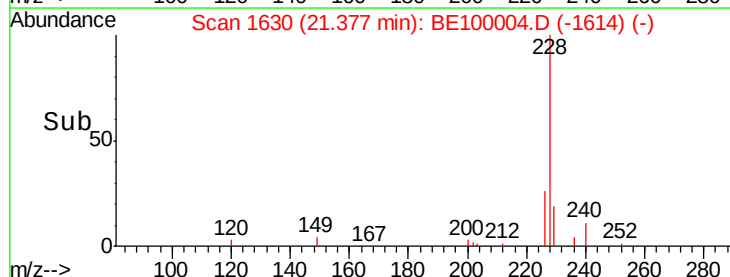
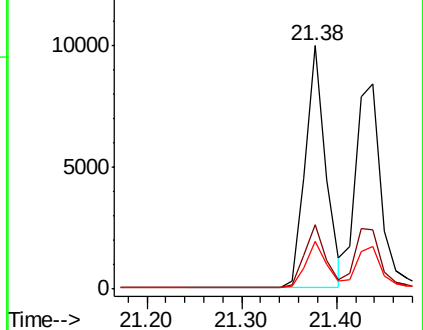
229 19.9 15.9 23.9

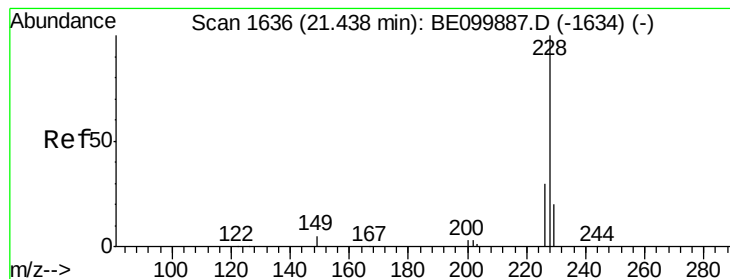


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.476 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

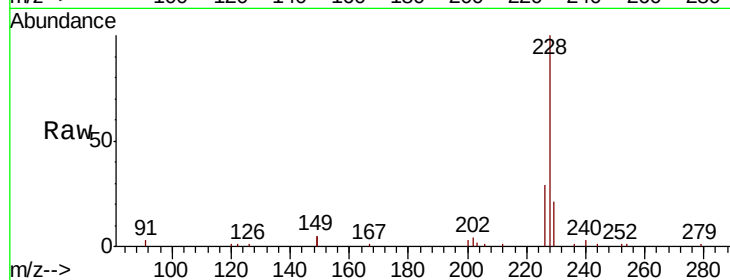
Tgt Ion:228 Resp: 15065

Ion Ratio Lower Upper

228 100

226 28.8 24.1 36.1

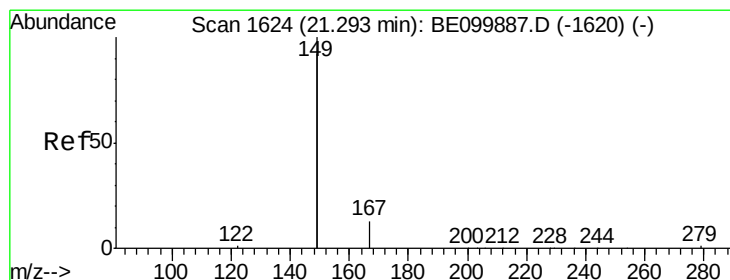
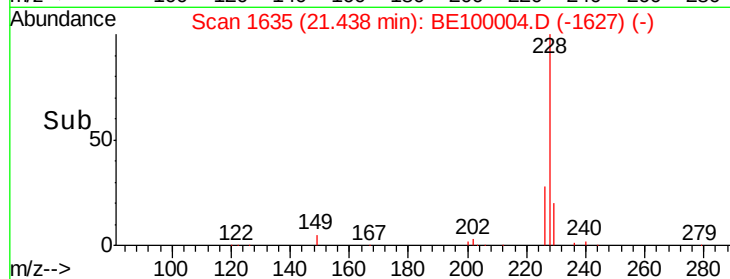
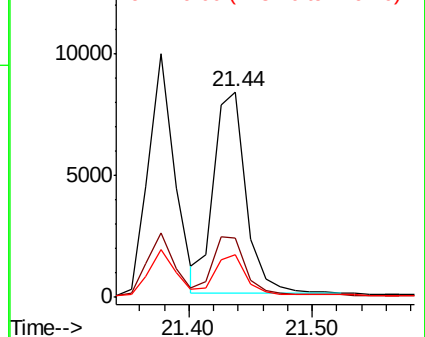
229 20.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.427 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

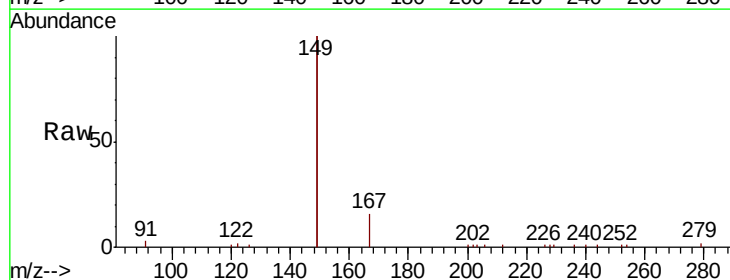
Tgt Ion:149 Resp: 18751

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

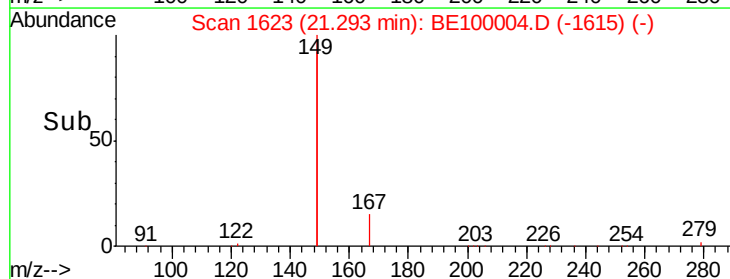
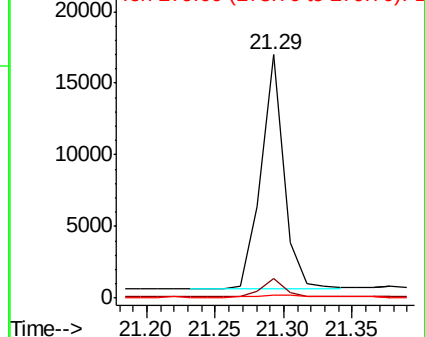
279 1.5 1.2 1.8

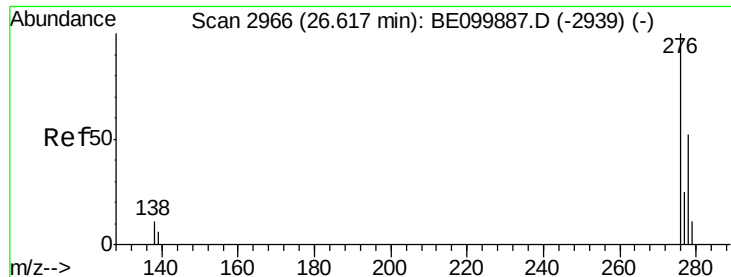


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.450 ng

RT: 26.60 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

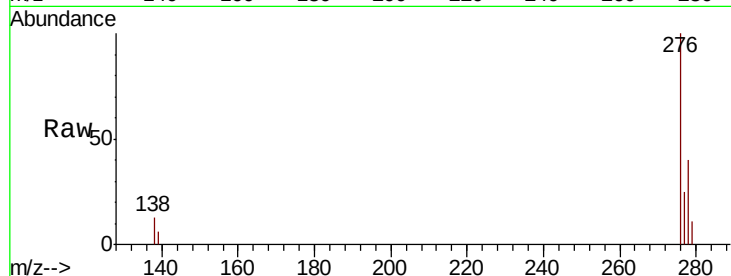
Tgt Ion:276 Resp: 16888

Ion Ratio Lower Upper

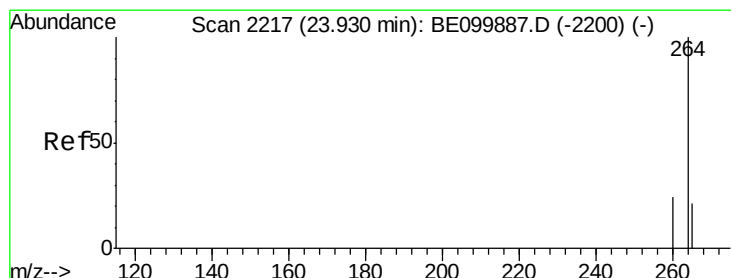
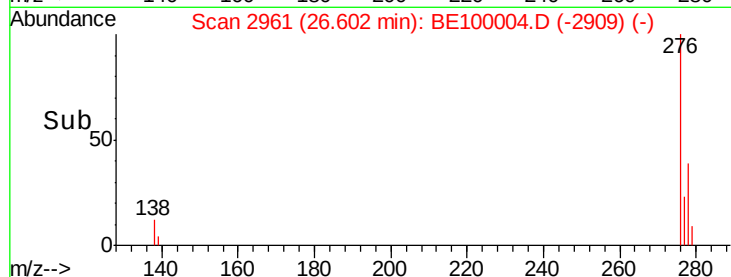
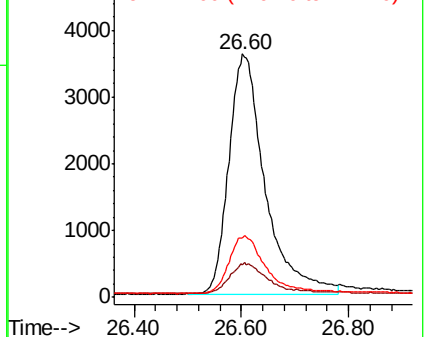
276 100

138 12.5 10.1 15.1

277 24.3 19.1 28.7



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: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

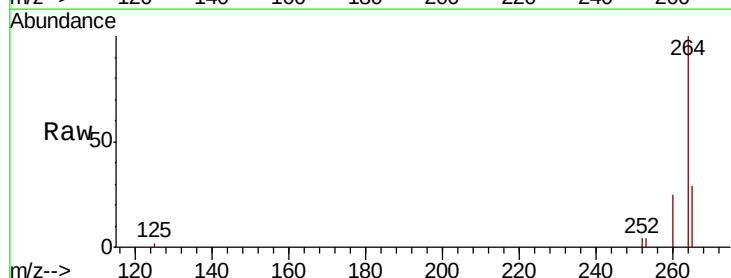
Tgt Ion:264 Resp: 11612

Ion Ratio Lower Upper

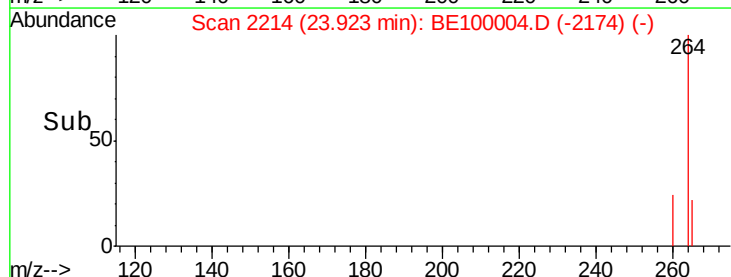
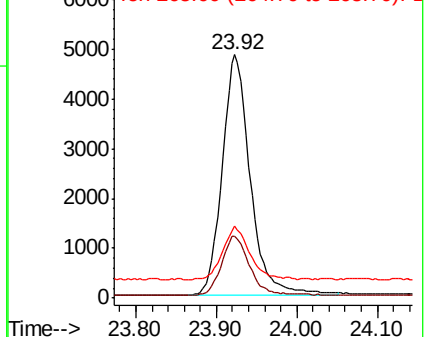
264 100

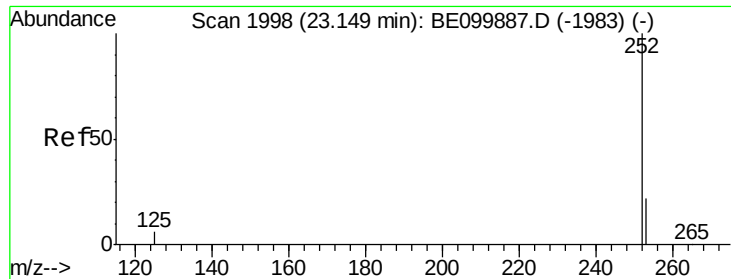
260 25.3 20.2 30.2

265 29.4 22.0 33.0



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: 0.442 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

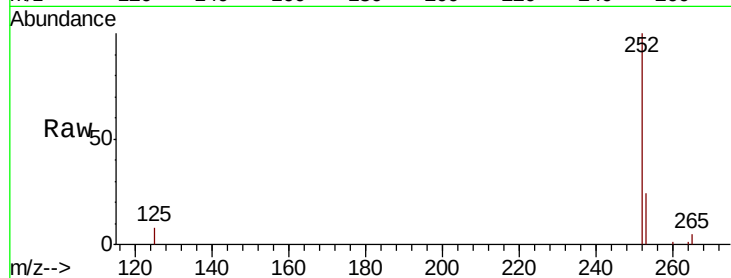
Tgt Ion:252 Resp: 14392

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

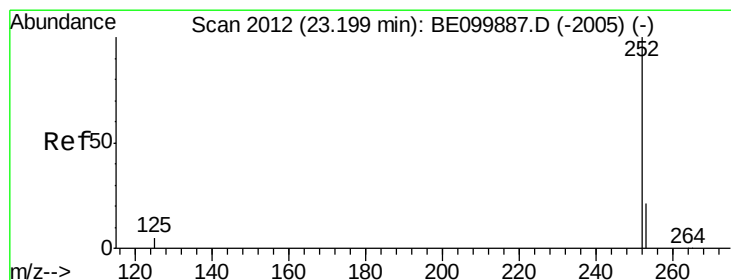
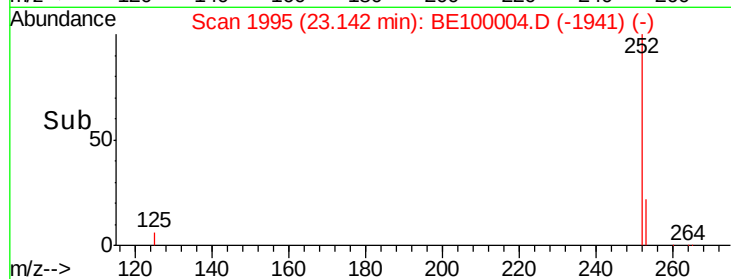
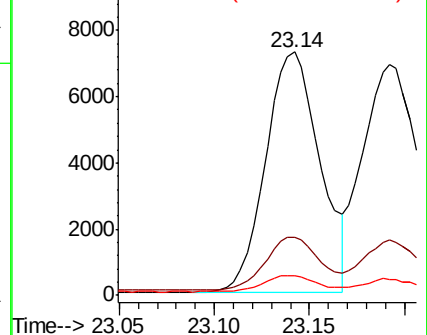
125 8.0 5.7 8.5



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: 0.443 ng

RT: 23.19 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

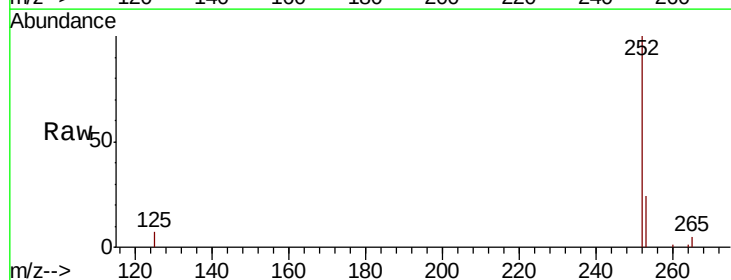
Tgt Ion:252 Resp: 15080

Ion Ratio Lower Upper

252 100

253 24.2 18.6 28.0

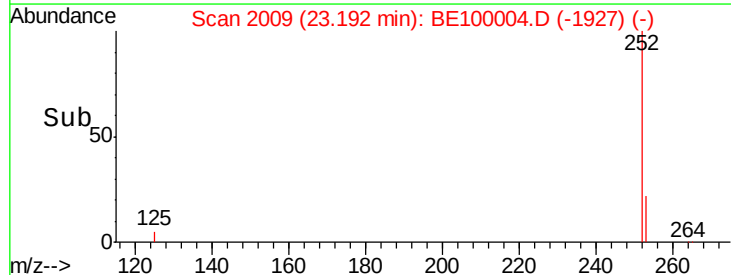
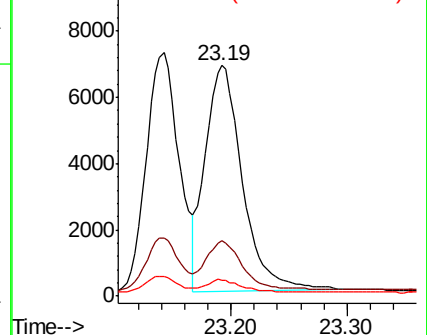
125 6.7 5.4 8.0

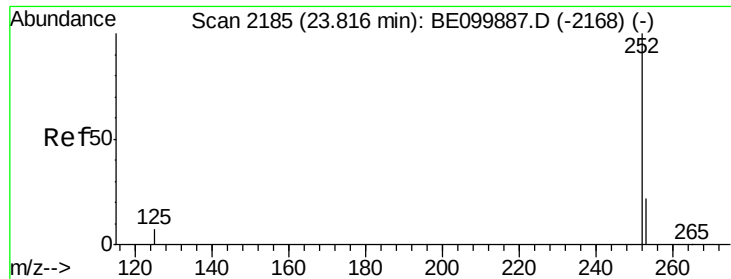


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.437 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

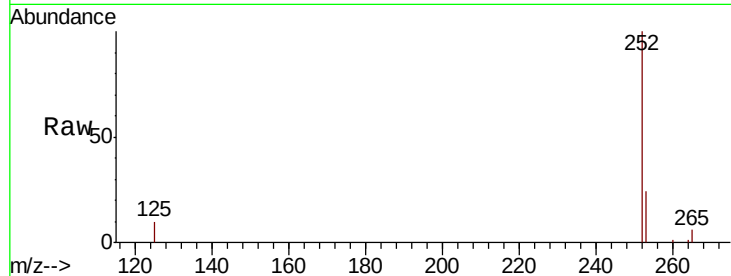
Tgt Ion:252 Resp: 14022

Ion Ratio Lower Upper

252 100

253 24.1 19.6 29.4

125 10.4 6.6 10.0#

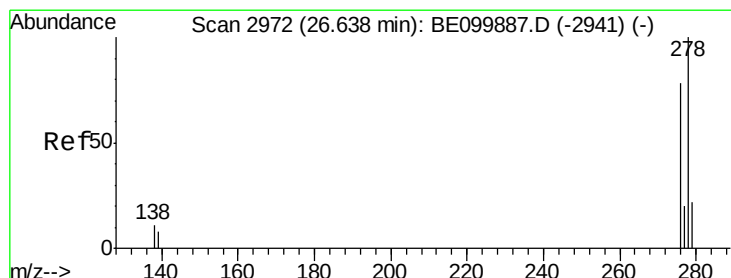
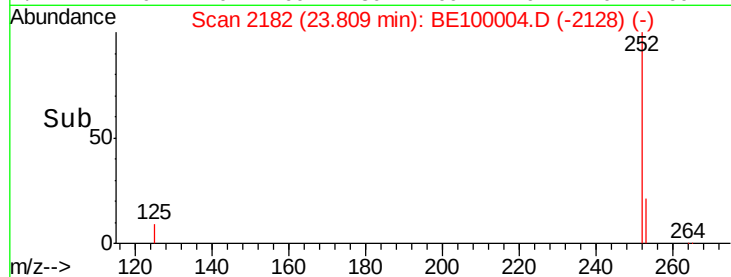
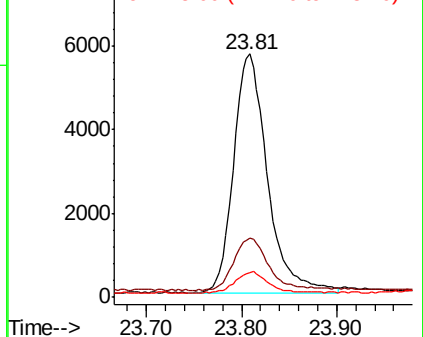


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.425 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

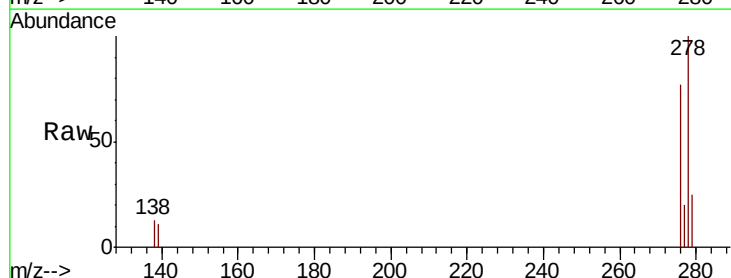
Tgt Ion:278 Resp: 13719

Ion Ratio Lower Upper

278 100

139 10.6 7.8 11.8

279 25.0 20.0 30.0

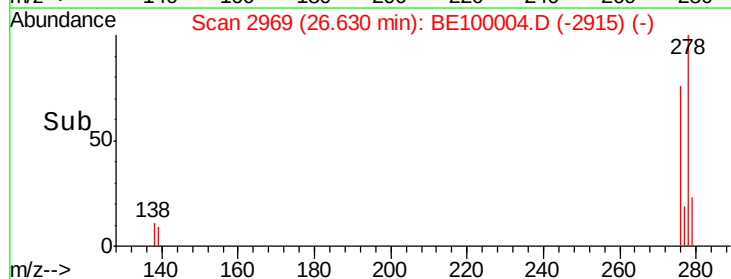
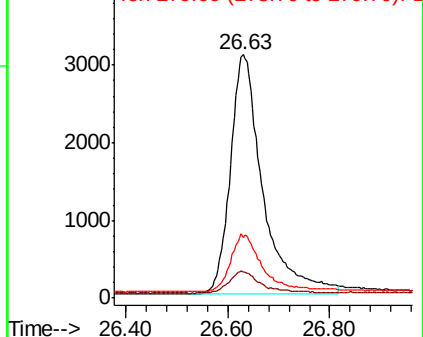


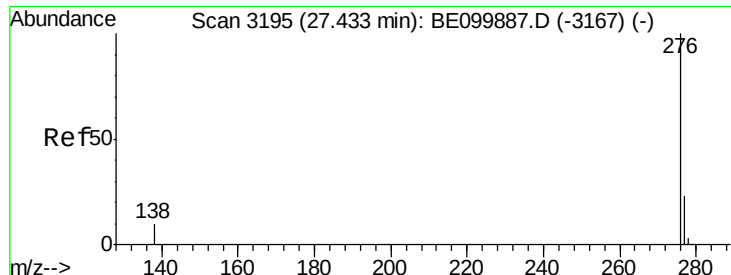
Abundance

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: 0.438 ng

RT: 27.43 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BE100004.D

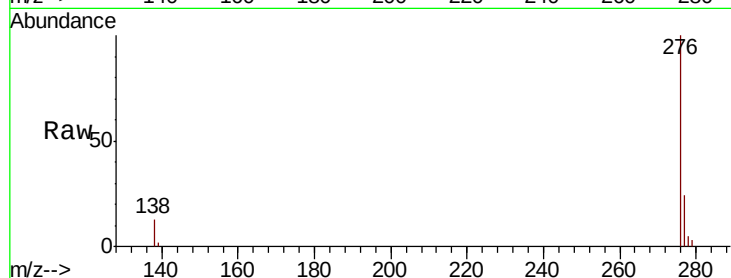
Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M



Tgt Ion: 276 Resp: 14626

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 13.0 9.5 14.3

