

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE100003.D
 Acq On : 13 Jun 2019 23:13
 Operator : JU/SJ
 Sample : K3280-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 14 03:27:14 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	7.79	152	689	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2463	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	1904	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6841	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	9202	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10391	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	319	0.17	ng	0.00
5) Phenol-d6	6.97	99	277	0.12	ng	0.00
8) Nitrobenzene-d5	8.96	82	931	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2620	0.61	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	733	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3797	0.53	ng	-0.01
25) Fluoranthene-d10	19.24	212	33709	0.34	ng	-0.01
29) Terphenyl-d14	19.84	244	9756	0.59	ng	-0.01

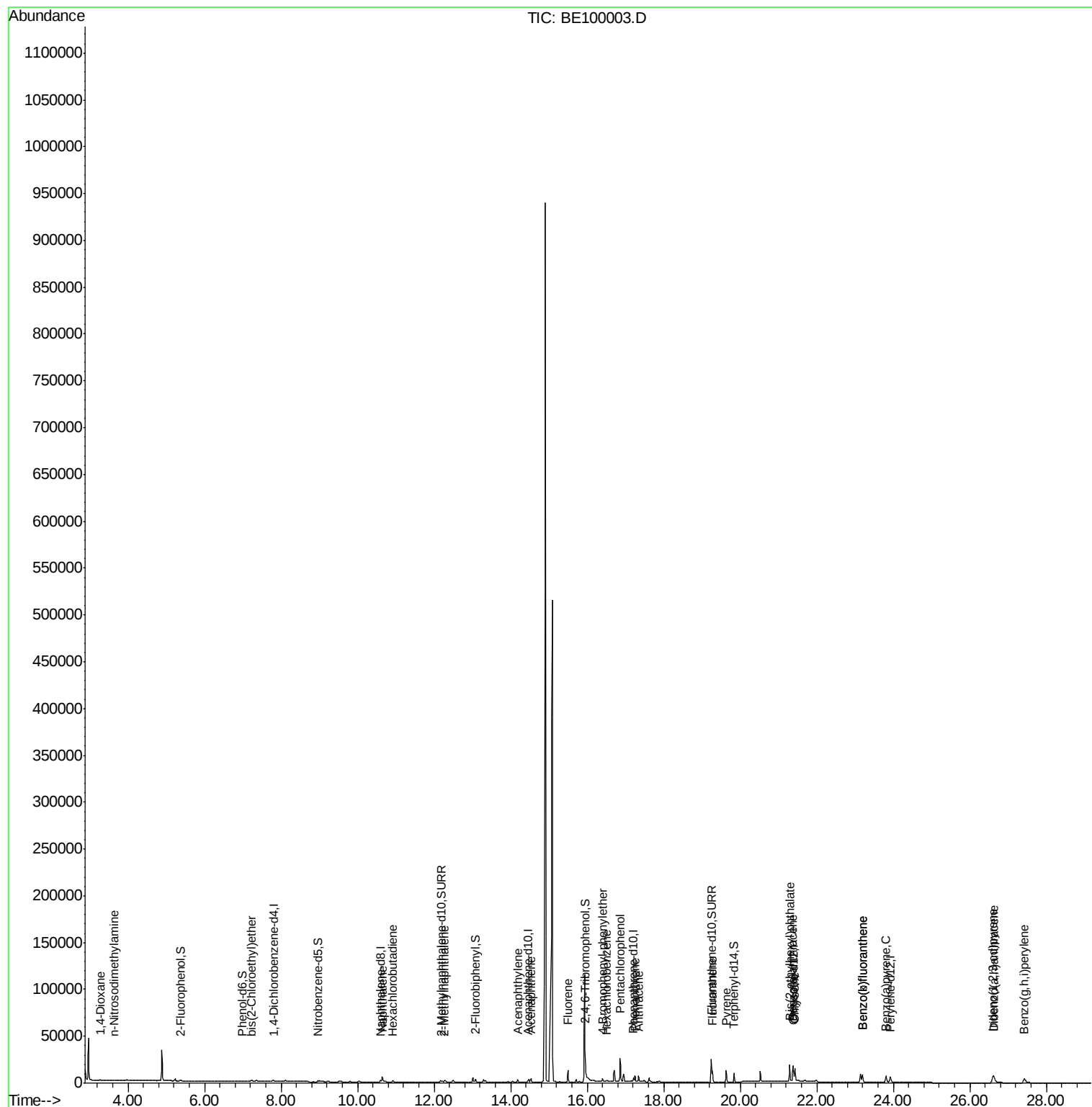
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	324	0.318	ng	# 61
3) n-Nitrosodimethylamine	3.62	42	61	0.104	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	809	0.413	ng	80
9) Naphthalene	10.64	128	11030	0.415	ng	99
10) Hexachlorobutadiene	10.91	225	838	0.413	ng	98
12) 2-Methylnaphthalene	12.27	142	1865	0.432	ng	98
16) Acenaphthylene	14.18	152	3763	0.397	ng	100
17) Acenaphthene	14.53	154	2105	0.408	ng	100
18) Fluorene	15.50	166	4851	0.626	ng	89
20) 4-Bromophenyl-phenylether	16.40	248	1589	0.410	ng	# 90
21) Hexachlorobenzene	16.50	284	1553	0.392	ng	94
22) Pentachlorophenol	16.85	266	14394	7.851	ng	# 81
23) Phenanthrene	17.24	178	7270	0.438	ng	98
24) Anthracene	17.33	178	7059	0.464	ng	99
26) Fluoranthene	19.27	202	11985	0.425	ng	99
28) Pyrene	19.63	202	12481	0.516	ng	99
30) Benzo(a)anthracene	21.38	228	13861	0.504	ng	99
31) Chrysene	21.43	228	14170	0.498	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	19272	0.488	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	16064	0.476	ng	99
35) Benzo(b)fluoranthene	23.19	252	14291	0.491	ng	98
36) Benzo(k)fluoranthene	23.19	252	14291	0.469	ng	99
37) Benzo(a)pyrene	23.81	252	13620	0.475	ng	# 98
38) Dibenzo(a,h)anthracene	26.63	278	13083	0.453	ng	99
39) Benzo(g,h,i)perylene	27.43	276	13822	0.463	ng	98

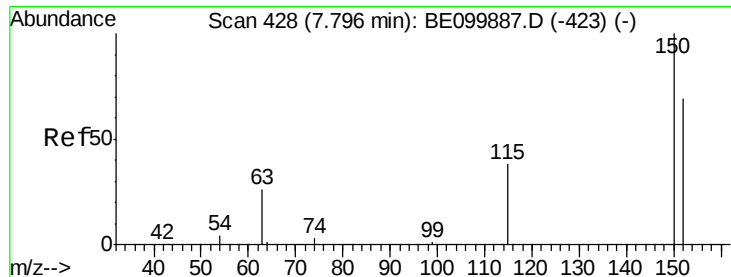
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

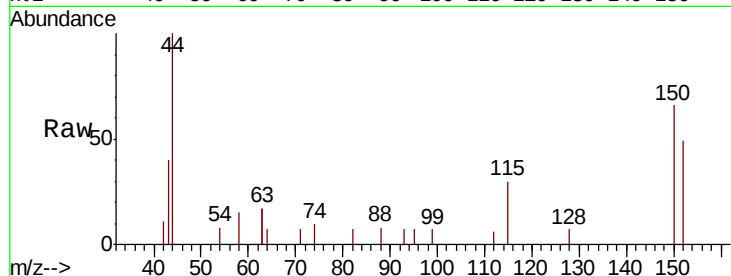
Tgt Ion: 152 Resp: 689

Ion Ratio Lower Upper

152 100

150 135.5 111.0 166.6

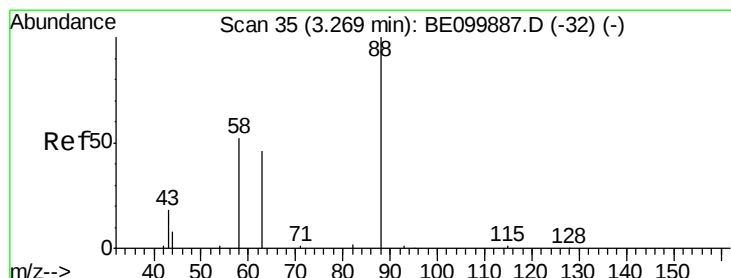
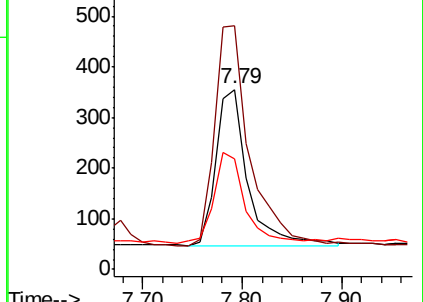
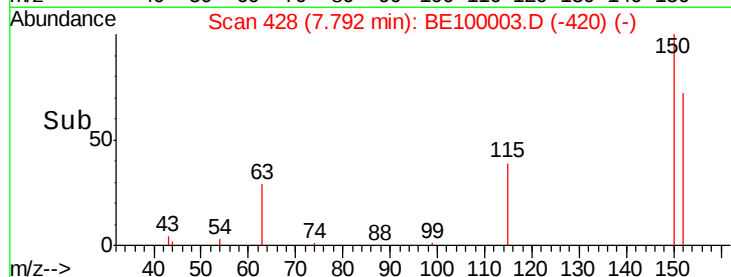
115 61.7 50.7 76.1



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: 0.318 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

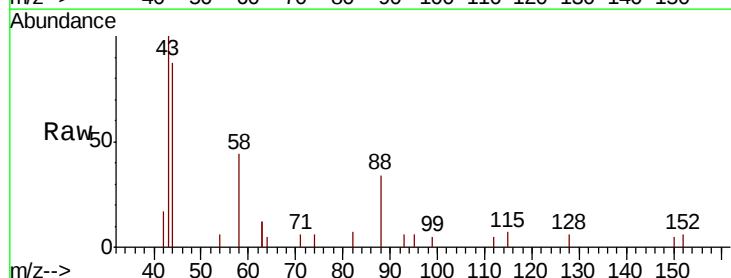
Tgt Ion: 88 Resp: 324

Ion Ratio Lower Upper

88 100

58 88.0 48.8 73.2#

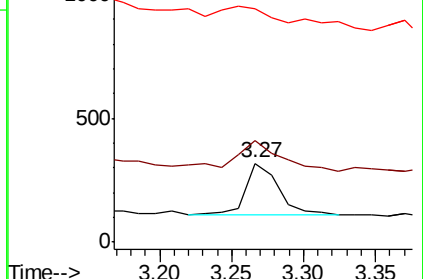
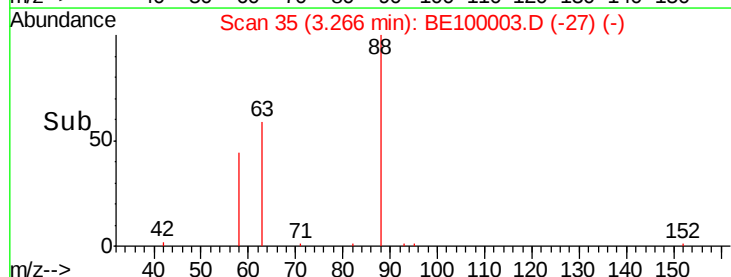
43 47.5 19.0 28.6#



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: 0.104 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

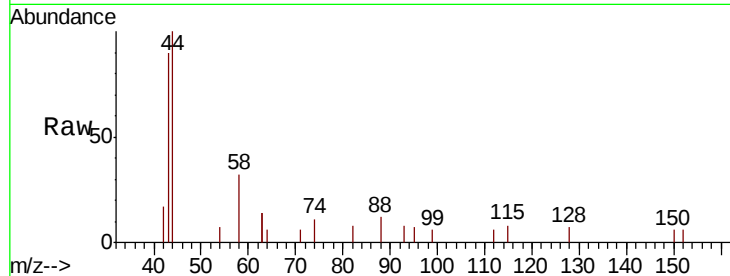
Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tgt Ion:	42	Resp:	61
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	86.9	0.0	0.0#

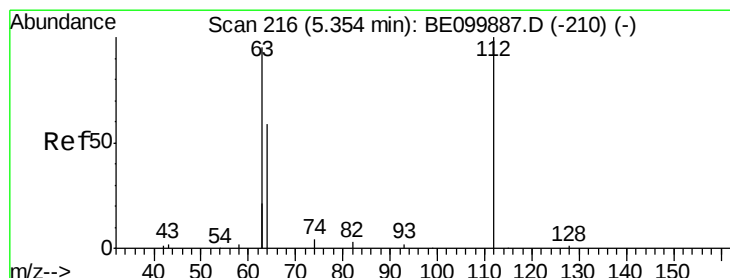
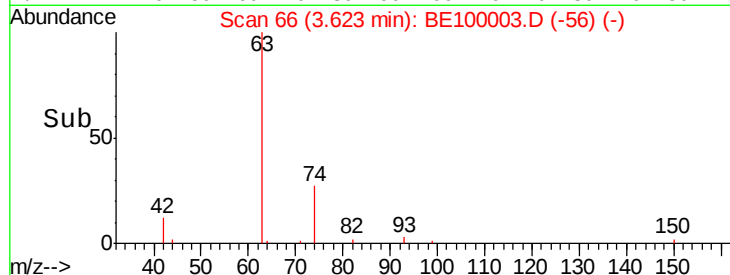
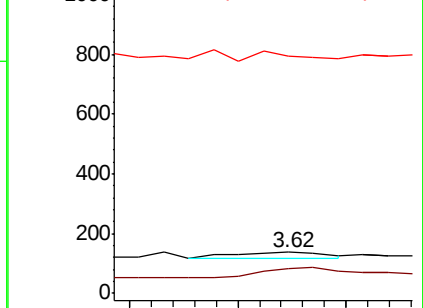


Abundance

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: 0.172 ng

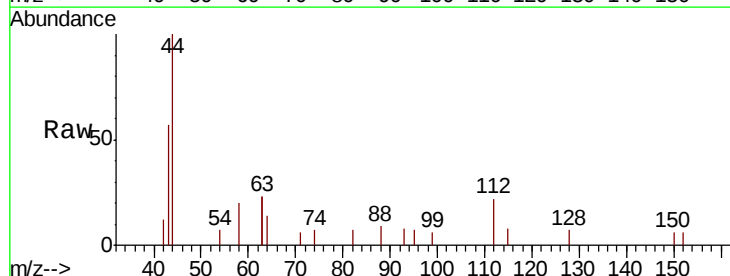
RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion:	112	Resp:	319
Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.1	66.1
63	152.0	87.8	131.6#

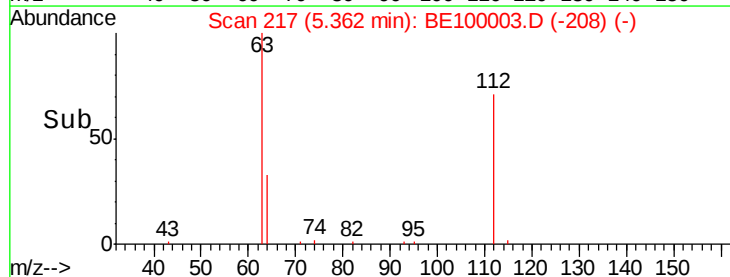
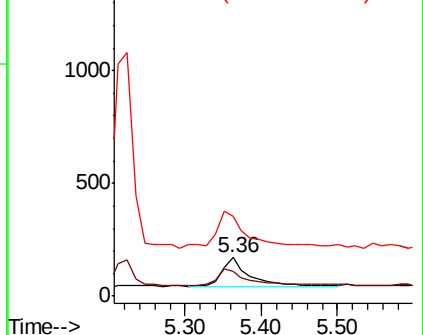


Abundance

Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.116 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

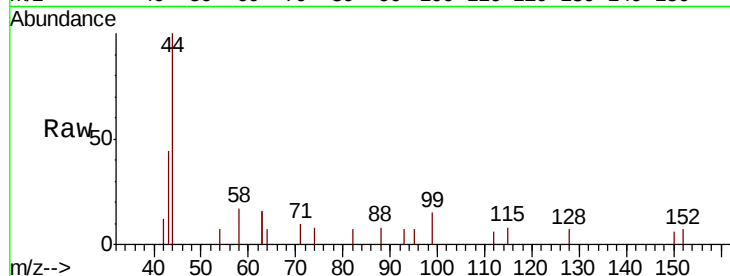
Tgt Ion: 99 Resp: 277

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 46.6 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

6.97

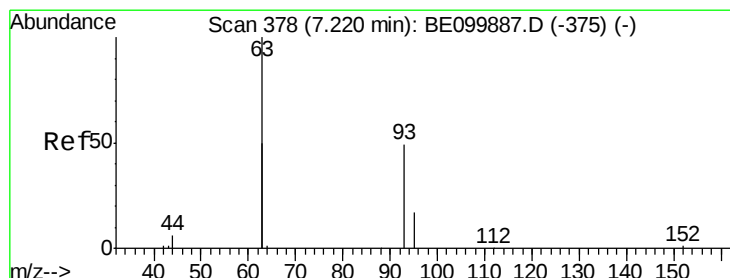
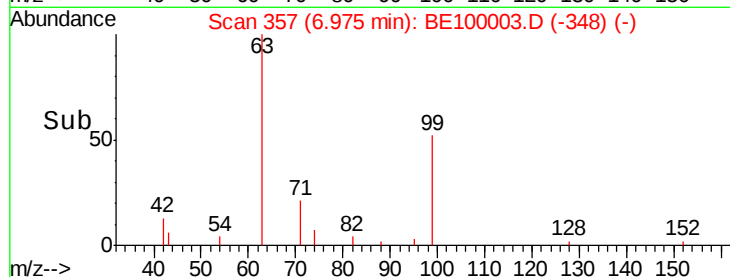
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

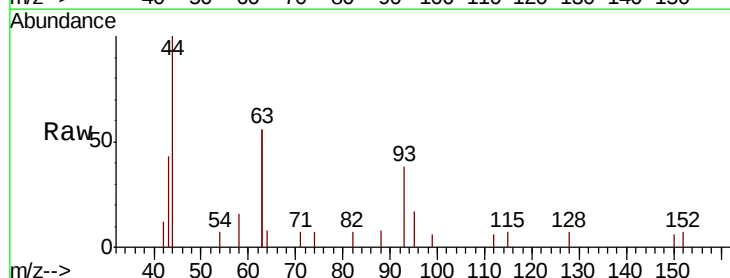
Tgt Ion: 93 Resp: 809

Ion Ratio Lower Upper

93 100

63 214.7 202.8 304.2

95 28.3 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

1000

800

600

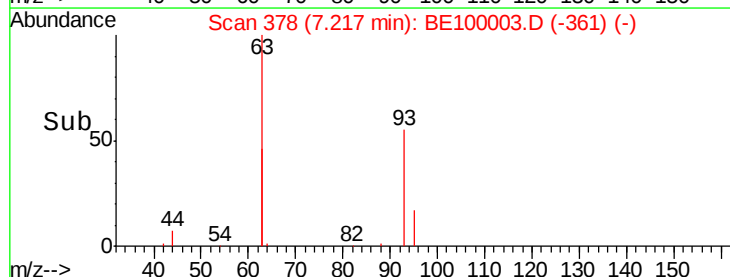
400

200

0

7.00 7.20 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tgt Ion: 136 Resp: 2463

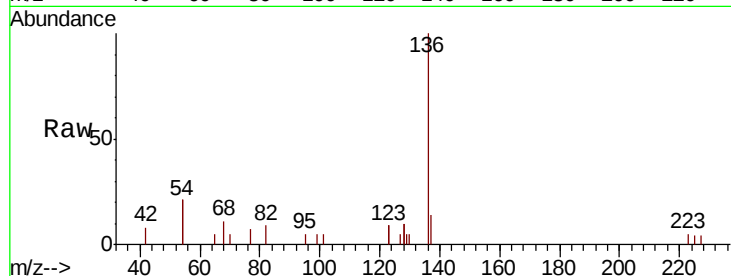
Ion Ratio Lower Upper

136 100

137 14.3 12.3 18.5

54 42.2 28.2 42.4

68 11.2 7.8 11.8

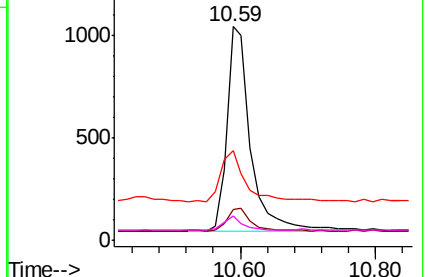
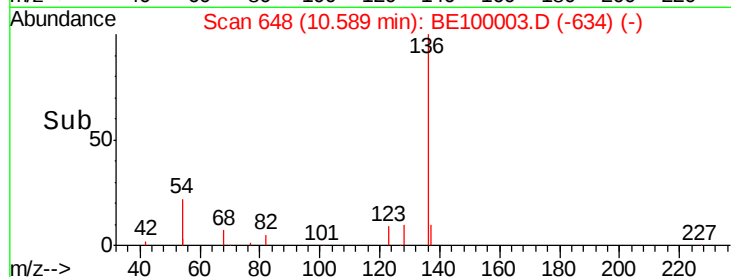


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

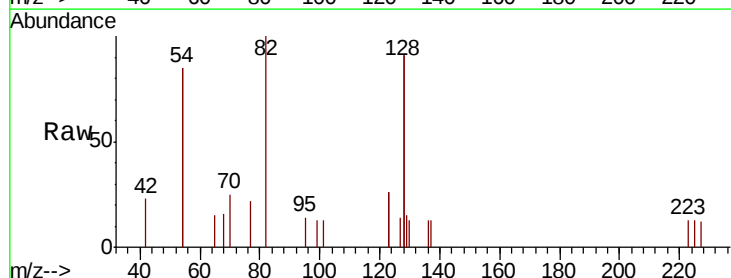
Tgt Ion: 82 Resp: 931

Ion Ratio Lower Upper

82 100

128 182.0 137.3 205.9

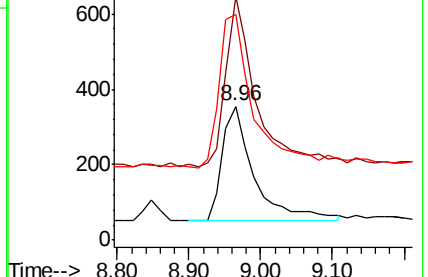
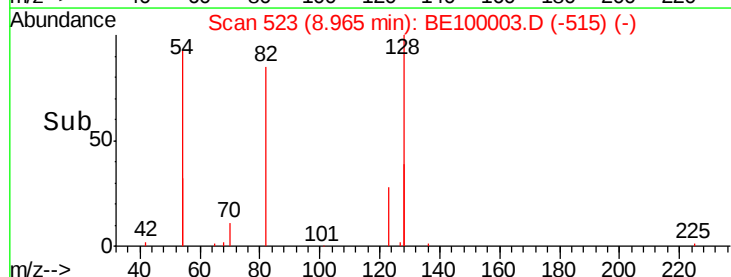
54 169.0 129.7 194.5

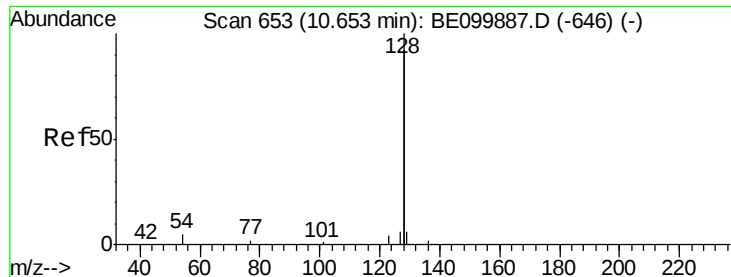


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.415 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

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ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

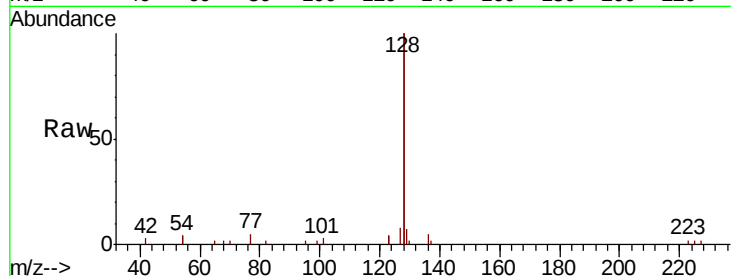
Tgt Ion:128 Resp: 11030

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

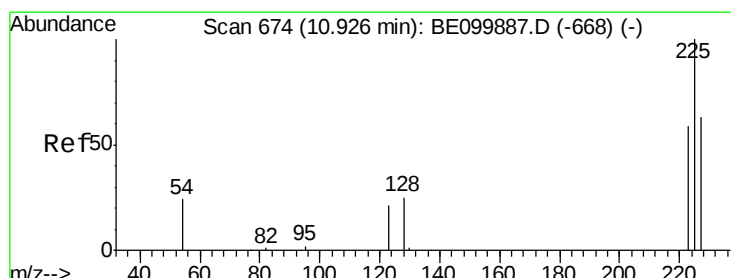
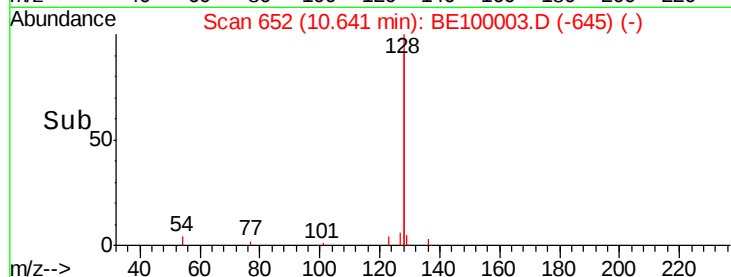
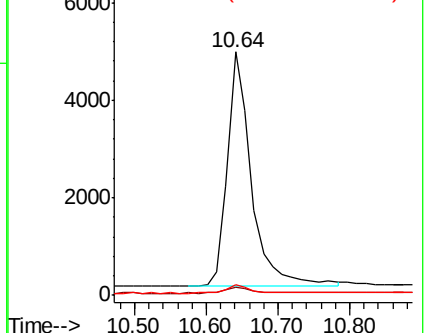
127 4.1 3.4 5.0



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: 0.413 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

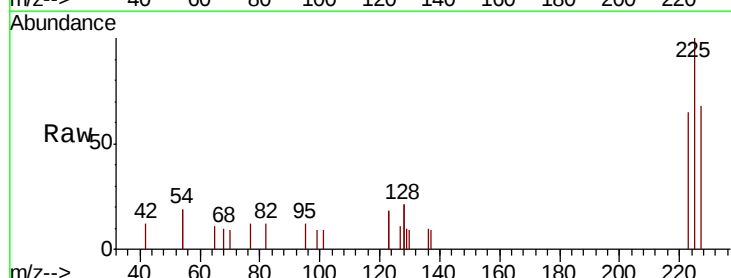
Tgt Ion:225 Resp: 838

Ion Ratio Lower Upper

225 100

223 62.6 51.6 77.4

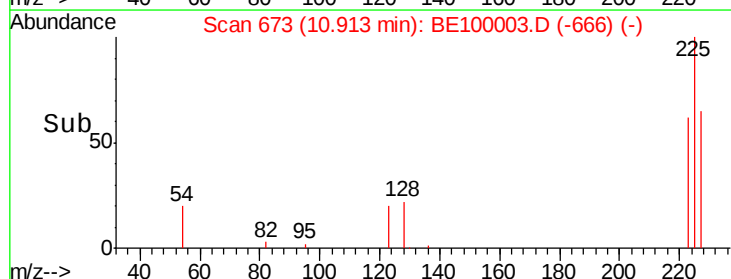
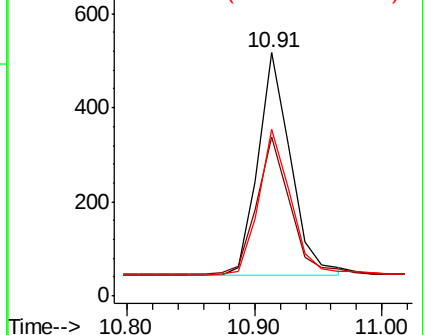
227 64.3 50.6 76.0



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: 0.610 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

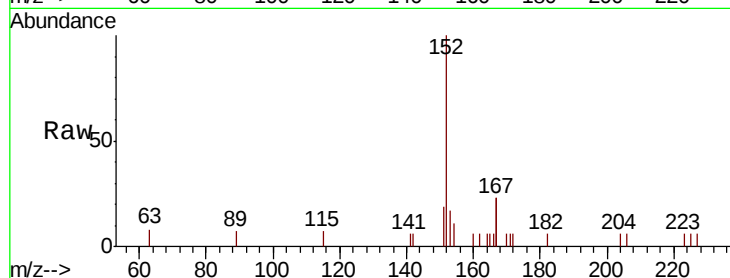
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion:152 Resp: 2620

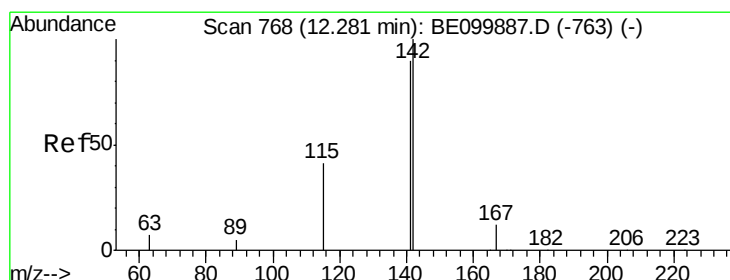
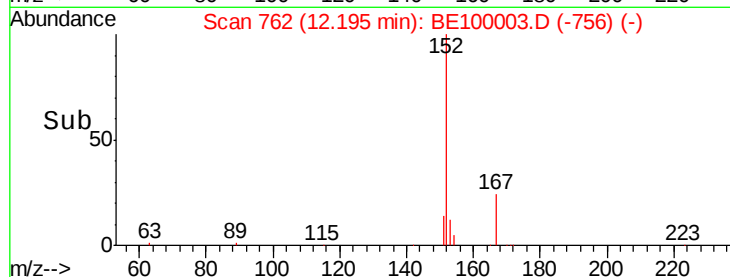
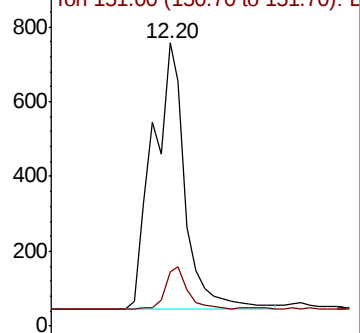
Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.432 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

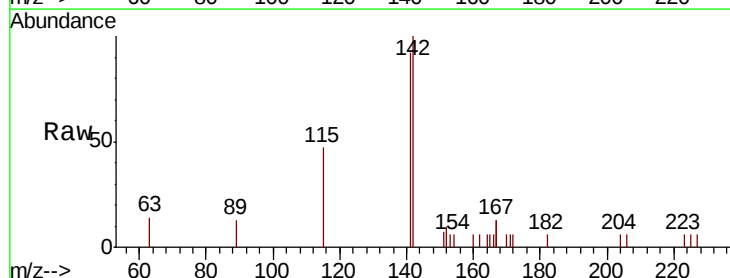
Tgt Ion:142 Resp: 1865

Ion Ratio Lower Upper

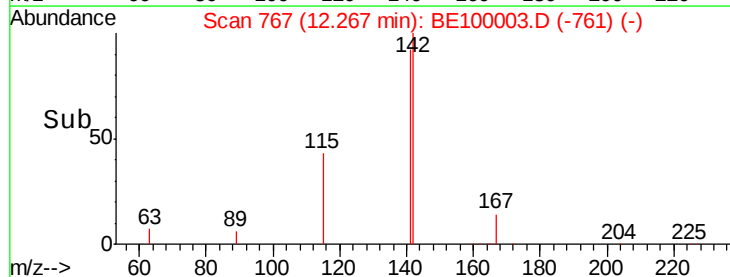
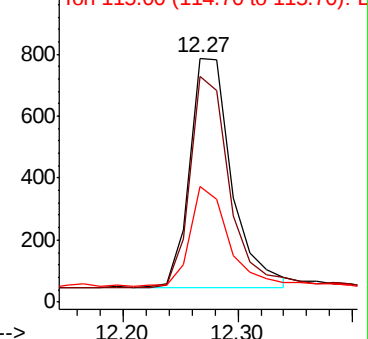
142 100

141 92.5 72.3 108.5

115 47.2 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): E

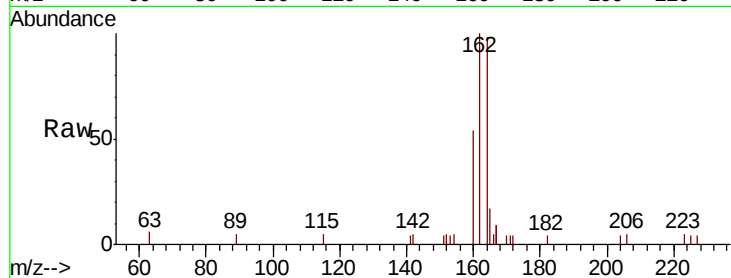




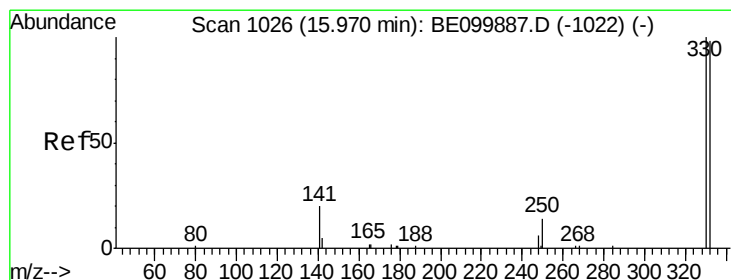
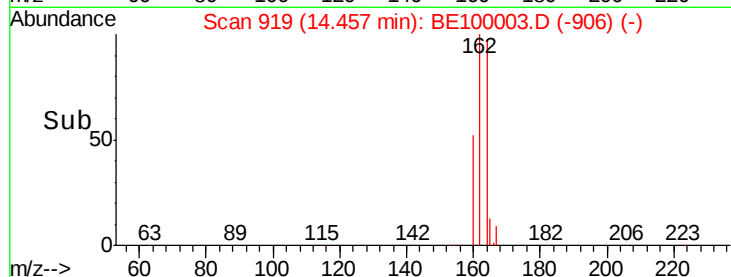
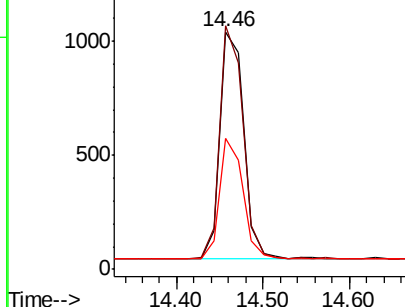
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tgt Ion:164 Resp: 1904
Ion Ratio Lower Upper
164 100
162 102.5 77.8 116.8
160 55.0 38.2 57.4

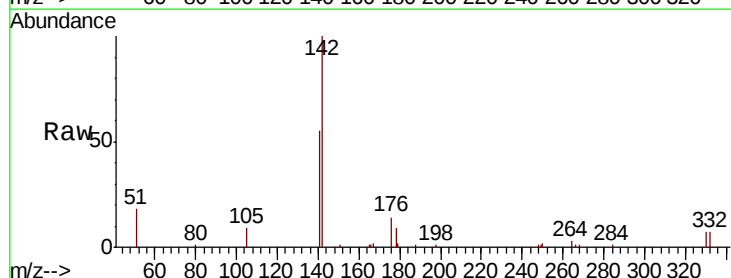


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

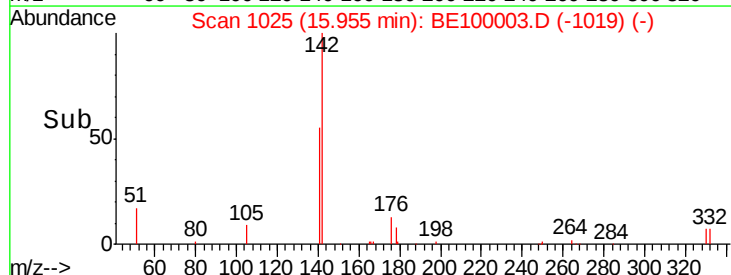
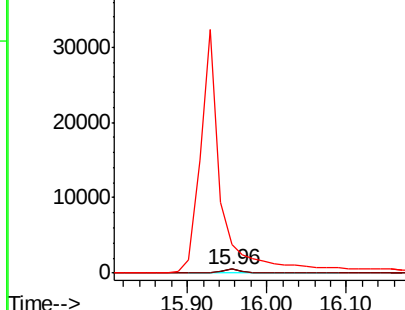


#14
2,4,6-Tribromophenol
Concen: 0.521 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion:330 Resp: 733
Ion Ratio Lower Upper
330 100
332 95.2 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

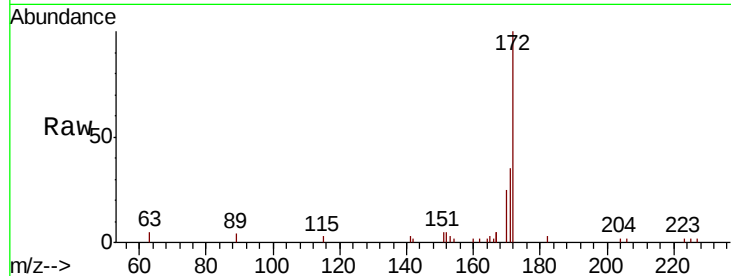




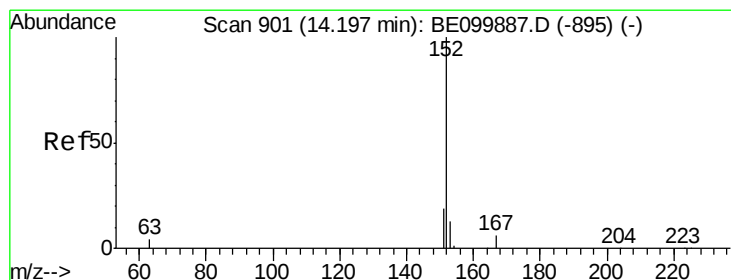
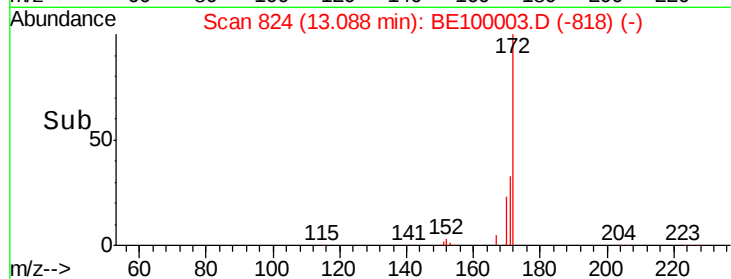
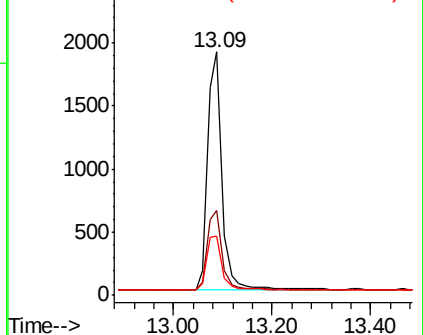
#15
2-Fluorobiphenyl
Concen: 0.526 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tgt Ion:172 Resp: 3797
Ion Ratio Lower Upper
172 100
171 34.9 29.2 43.8
170 24.5 21.2 31.8

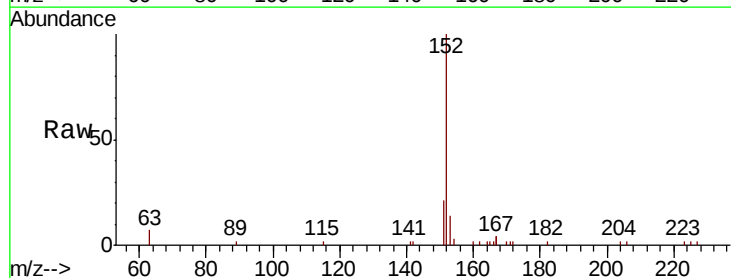


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

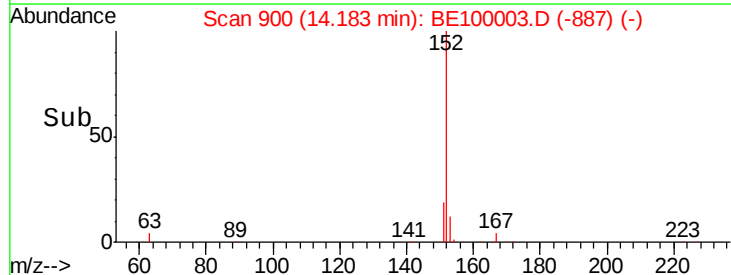
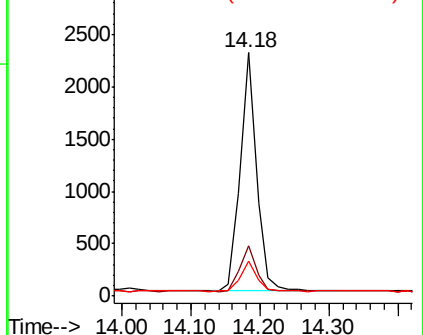


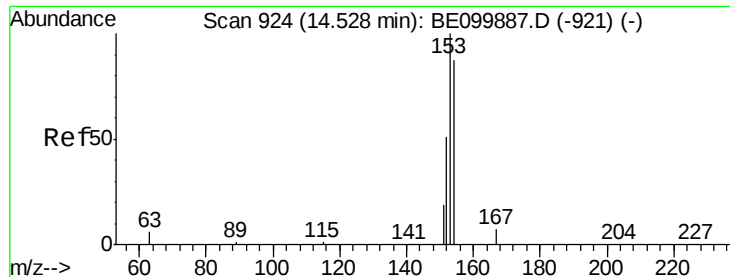
#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion:152 Resp: 3763
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 12.5 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

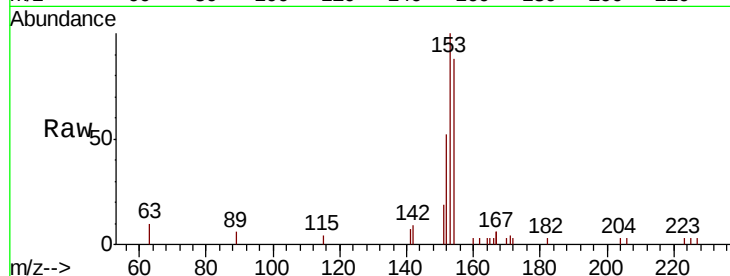




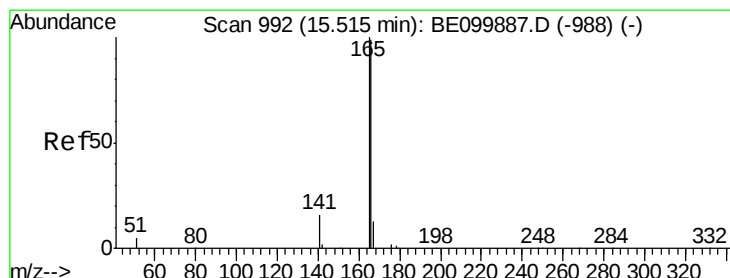
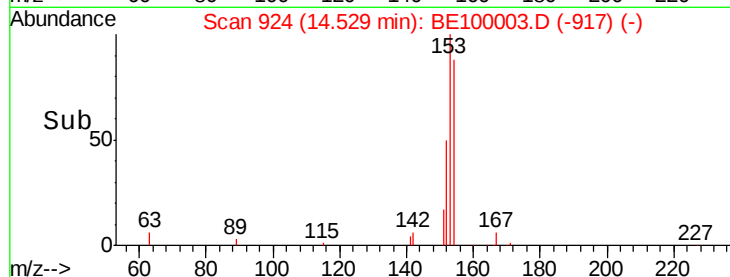
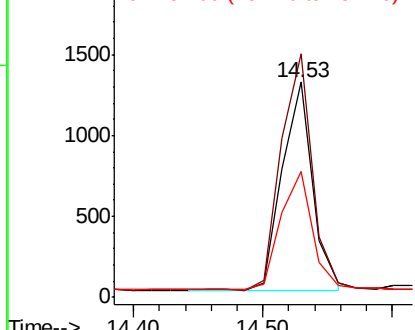
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tgt Ion:154 Resp: 2105
Ion Ratio Lower Upper
154 100
153 116.0 93.1 139.7
152 58.9 47.0 70.4

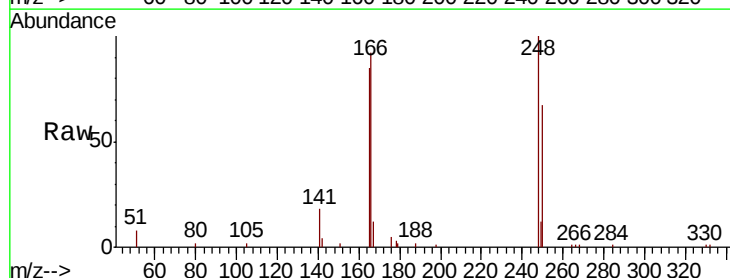


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

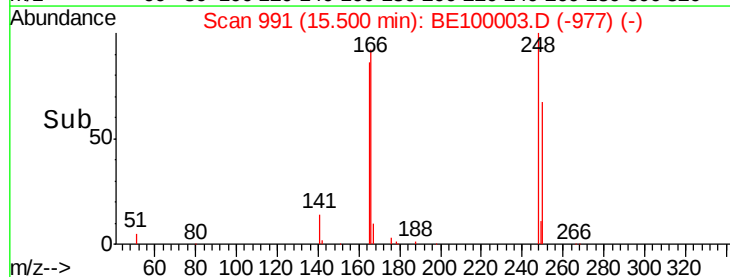
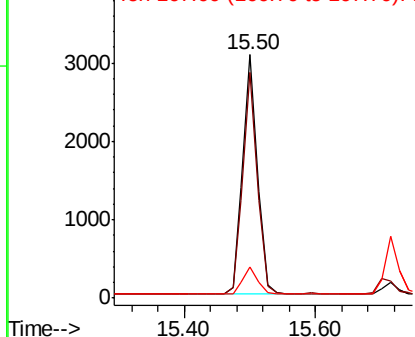


#18
Fluorene
Concen: 0.626 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion:166 Resp: 4851
Ion Ratio Lower Upper
166 100
165 90.1 81.8 122.8
167 11.7 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: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

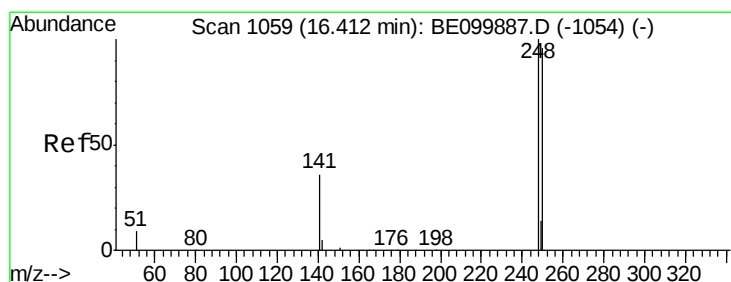
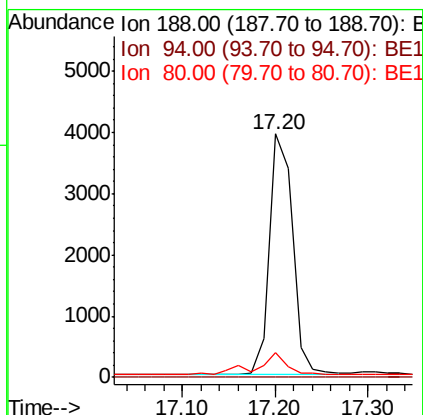
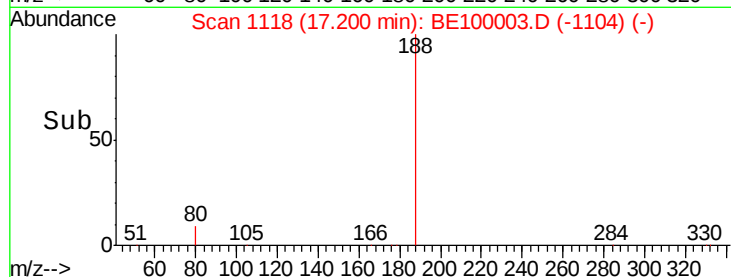
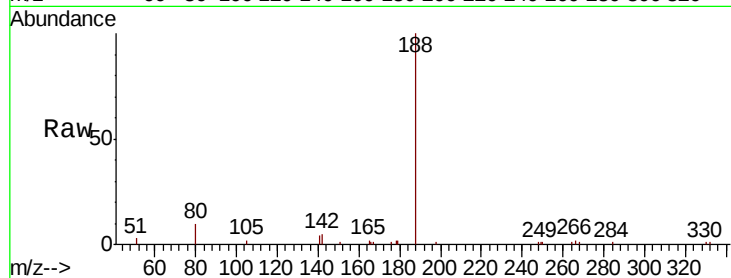
Tgt Ion:188 Resp: 6841

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.410 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

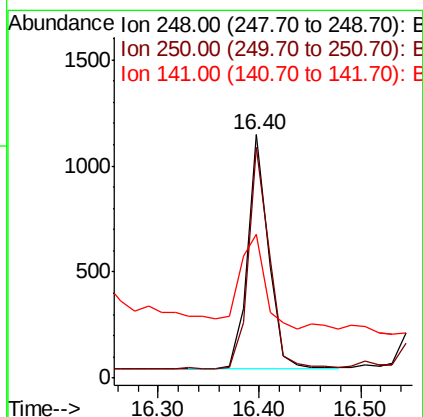
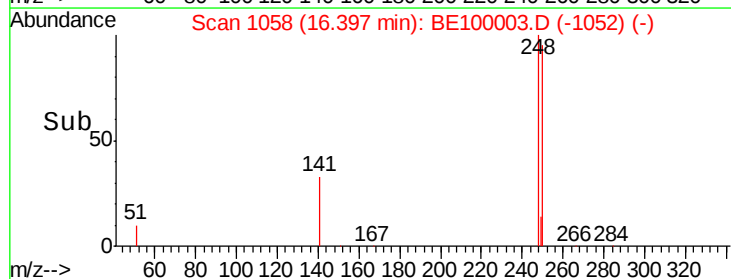
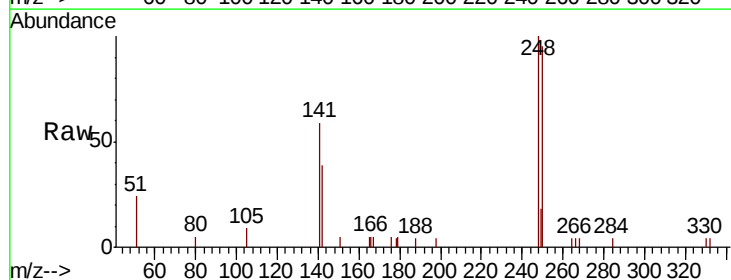
Tgt Ion:248 Resp: 1589

Ion Ratio Lower Upper

248 100

250 95.0 77.5 116.3

141 58.9 31.8 47.8#





#21

Hexachlorobenzene

Concen: 0.392 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

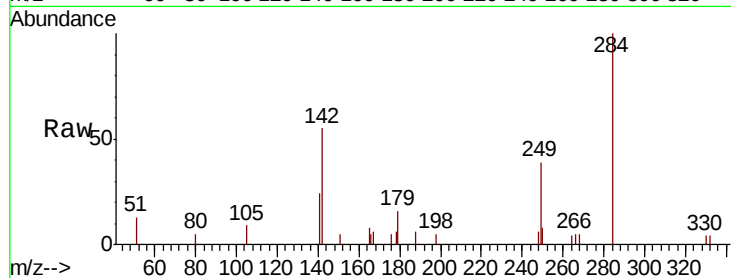
Tgt Ion:284 Resp: 1553

Ion Ratio Lower Upper

284 100

142 26.5 18.2 27.4

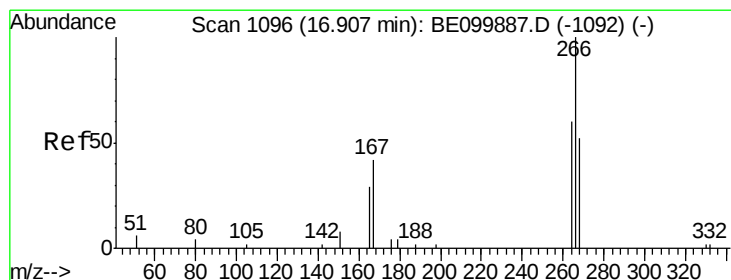
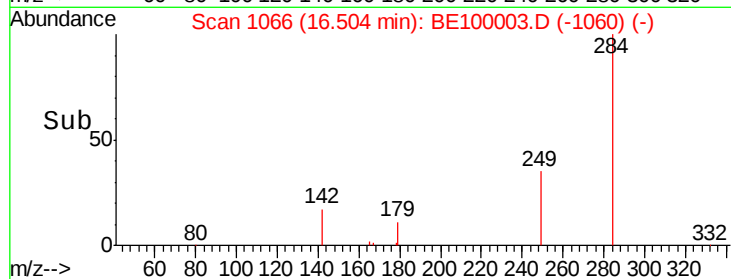
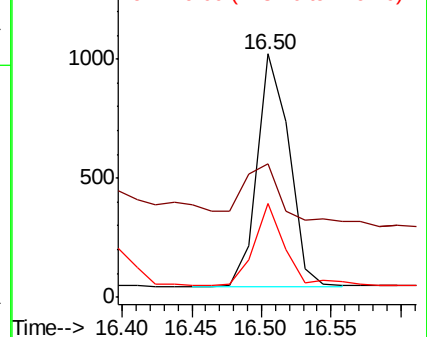
249 33.7 24.6 37.0



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: 7.851 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.05 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

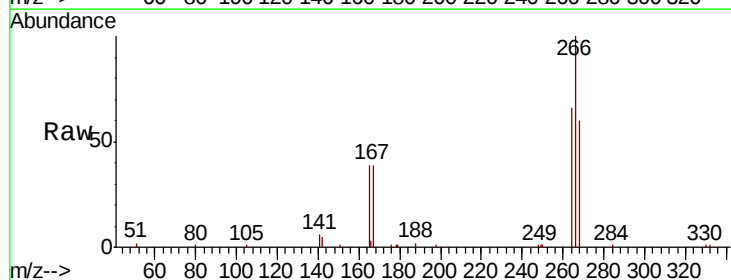
Tgt Ion:266 Resp: 14394

Ion Ratio Lower Upper

266 100

264 65.6 62.2 93.2

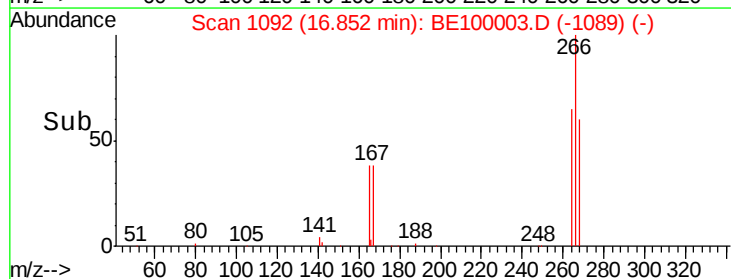
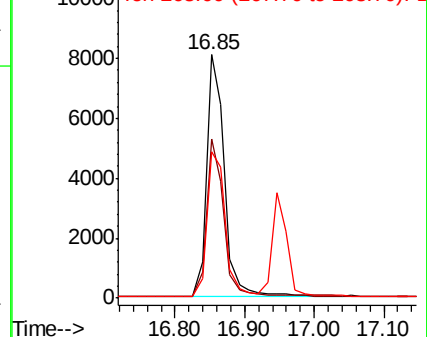
268 60.1 65.5 98.3#



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: 0.438 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

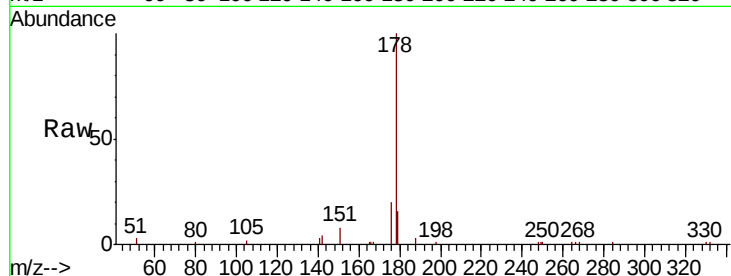
Tgt Ion:178 Resp: 7270

Ion Ratio Lower Upper

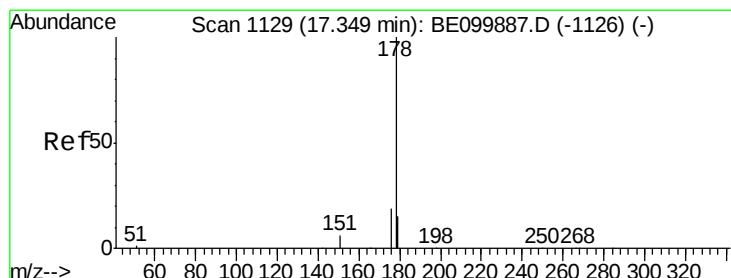
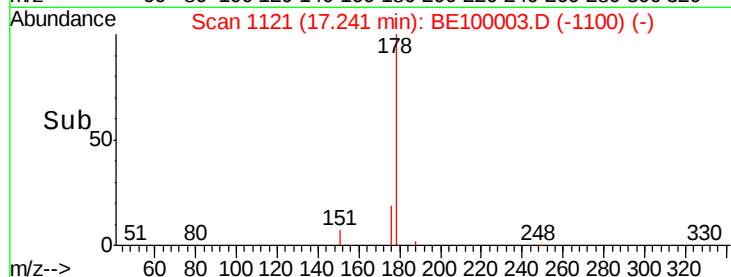
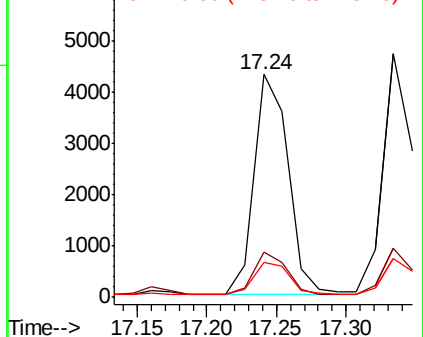
178 100

176 19.0 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: 0.464 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

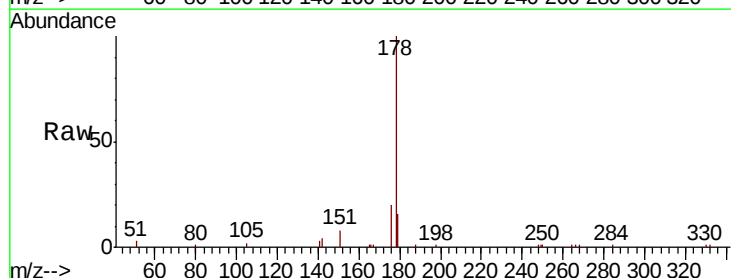
Tgt Ion:178 Resp: 7059

Ion Ratio Lower Upper

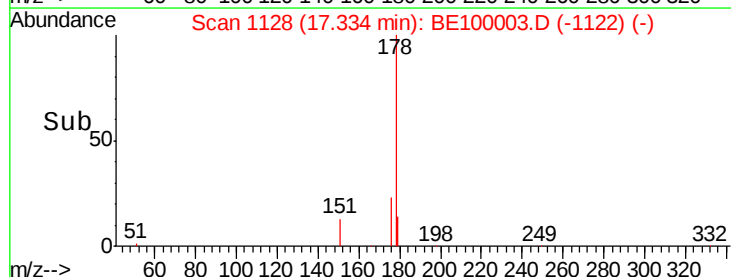
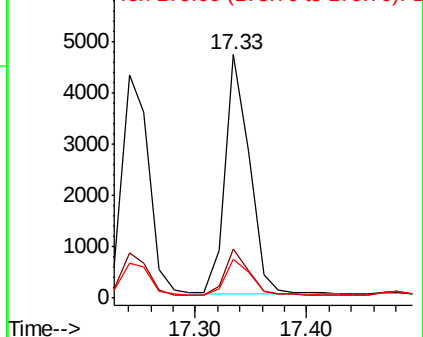
178 100

176 18.9 14.6 22.0

179 14.9 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: 0.338 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

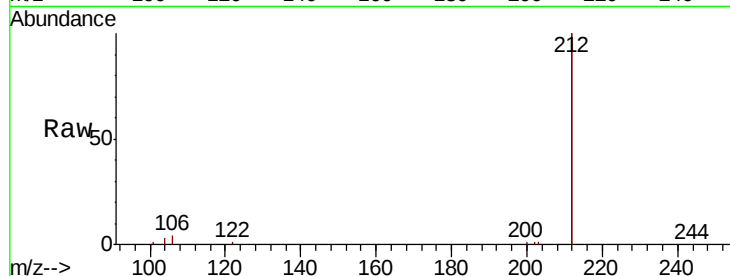
Tgt Ion:212 Resp: 33709

Ion Ratio Lower Upper

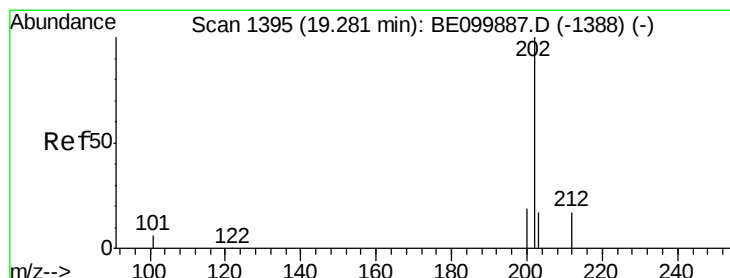
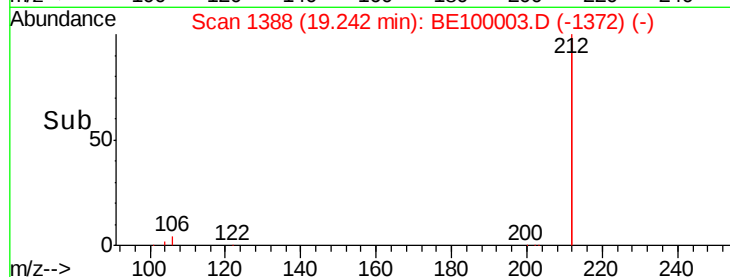
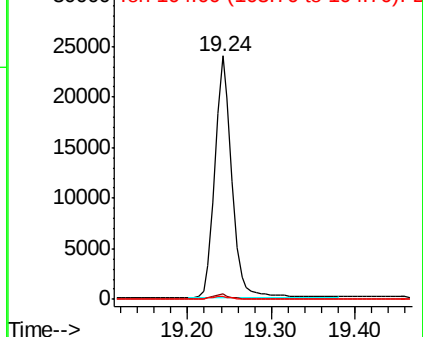
212 100

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: 0.425 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

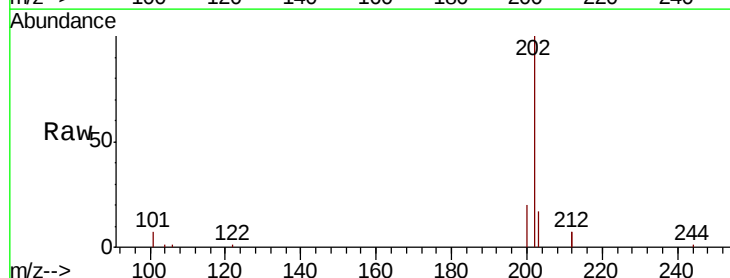
Tgt Ion:202 Resp: 11985

Ion Ratio Lower Upper

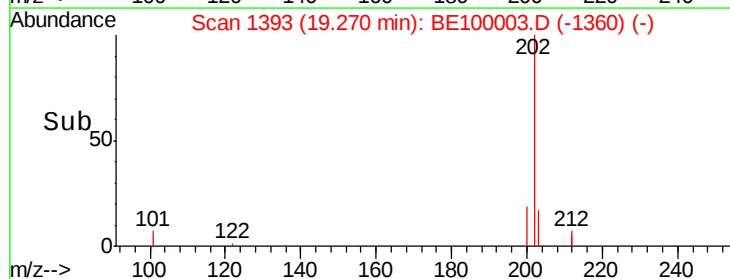
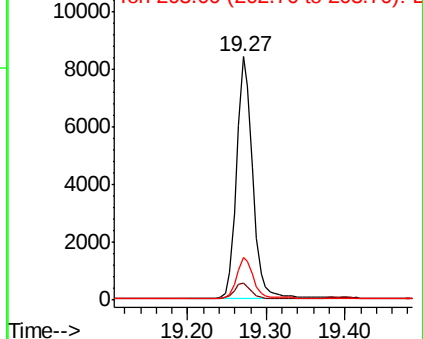
202 100

101 6.7 5.4 8.0

203 17.0 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

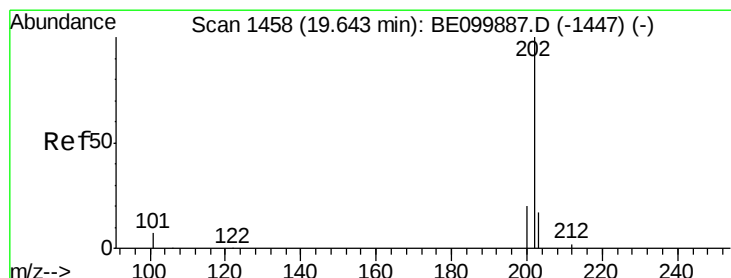
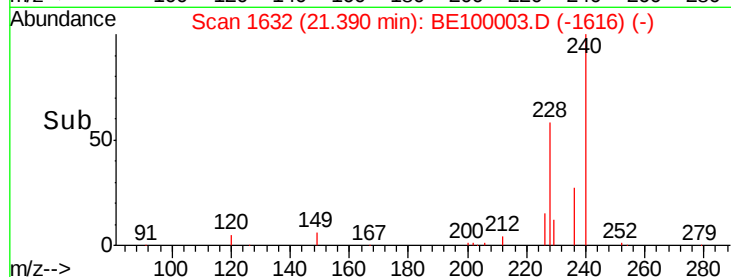
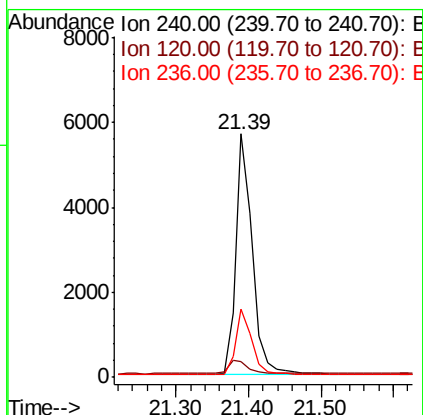
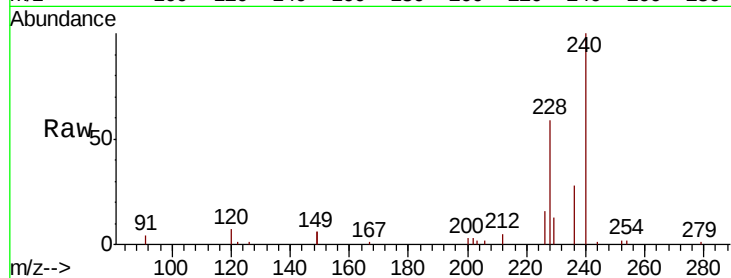




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

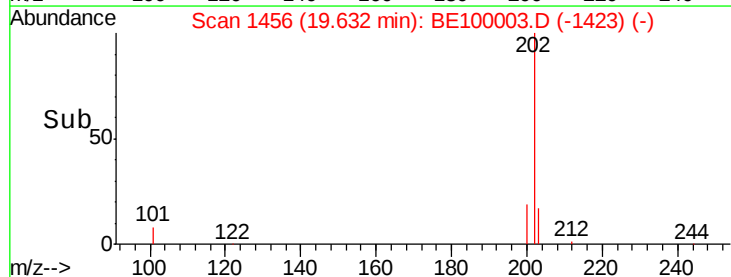
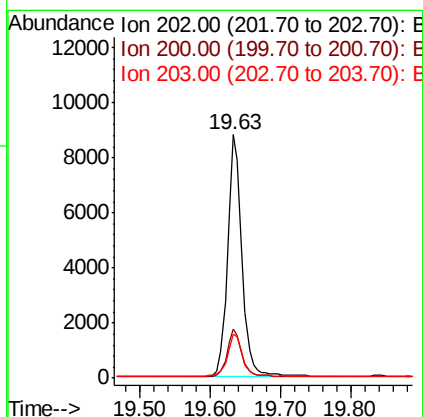
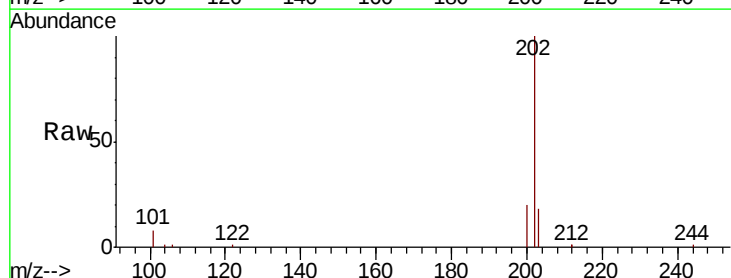
Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tgt Ion:240 Resp: 9202
Ion Ratio Lower Upper
240 100
120 6.7 3.8 5.6#
236 28.2 22.0 33.0



#28
Pyrene
Concen: 0.516 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion:202 Resp: 12481
Ion Ratio Lower Upper
202 100
200 19.3 15.5 23.3
203 18.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.589 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

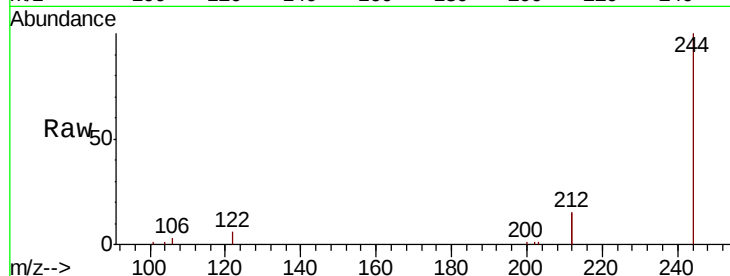
Tgt Ion:244 Resp: 9756

Ion Ratio Lower Upper

244 100

212 30.9 25.7 38.5

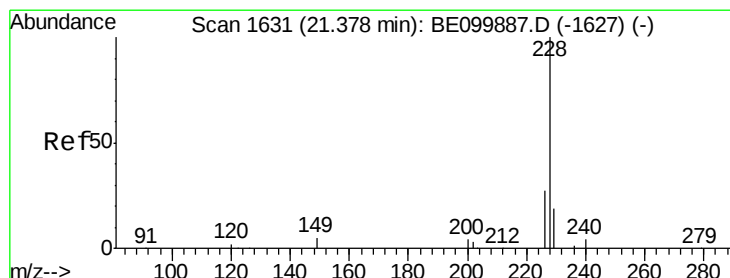
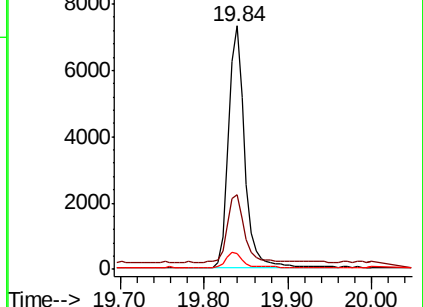
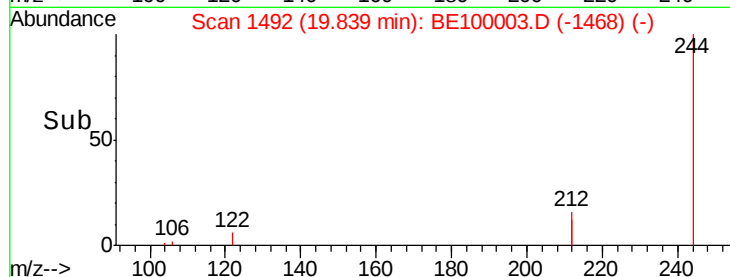
122 6.3 5.5 8.3



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: 0.504 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

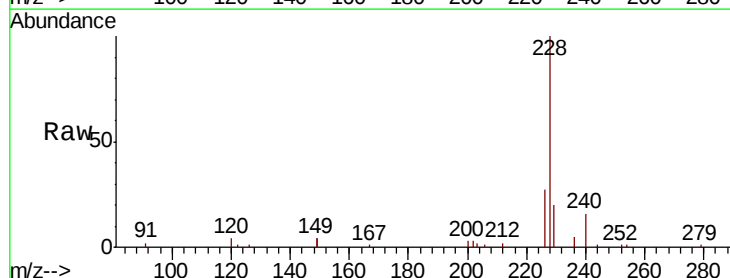
Tgt Ion:228 Resp: 13861

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

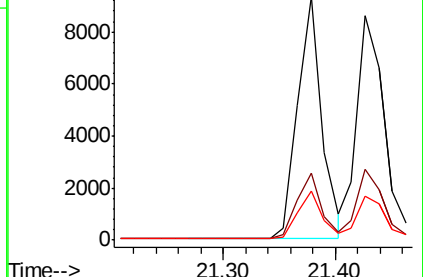
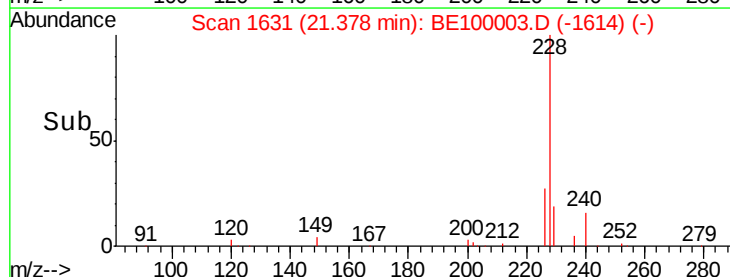
229 20.1 15.9 23.9



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: 0.498 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

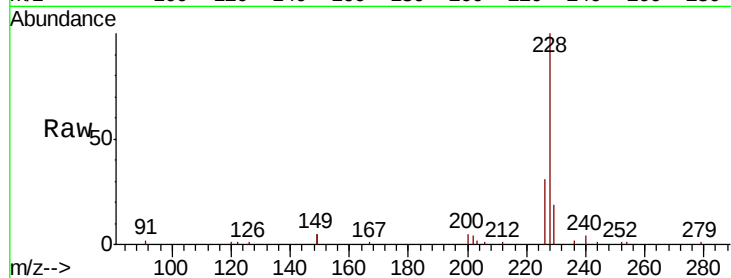
Tgt Ion: 228 Resp: 14170

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

229 19.4 16.1 24.1

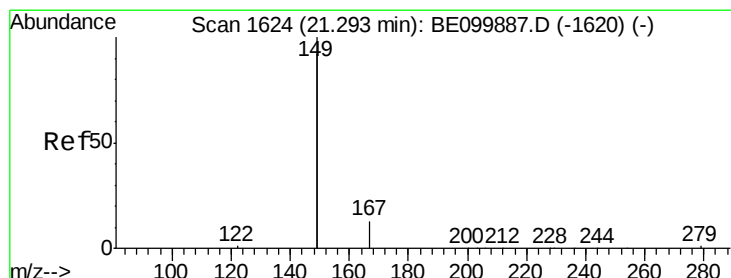
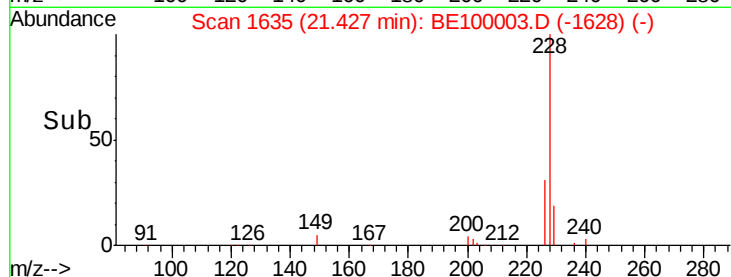
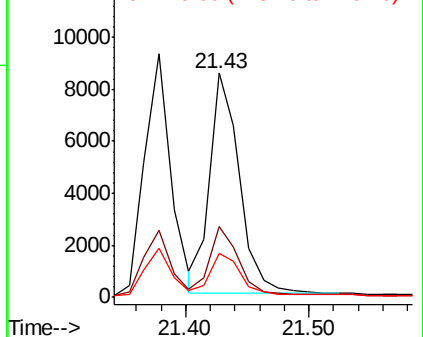


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.488 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

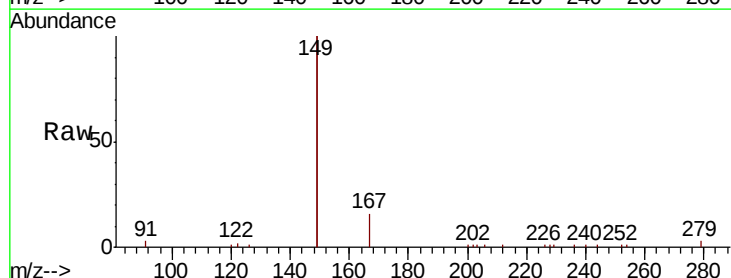
Tgt Ion: 149 Resp: 19272

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

279 1.4 1.2 1.8

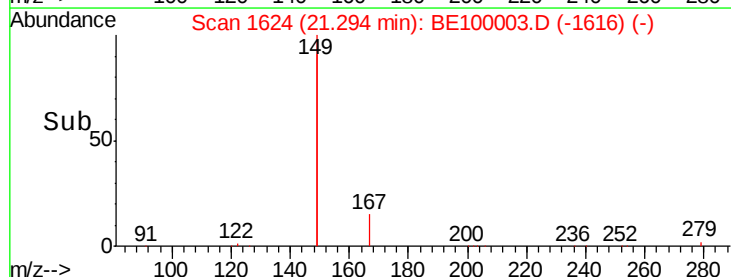
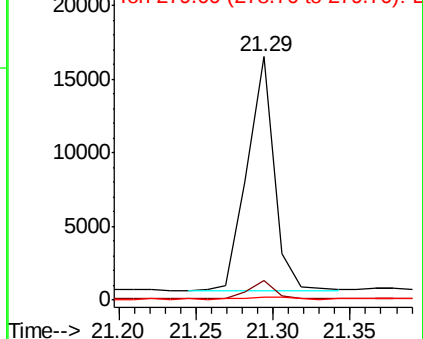


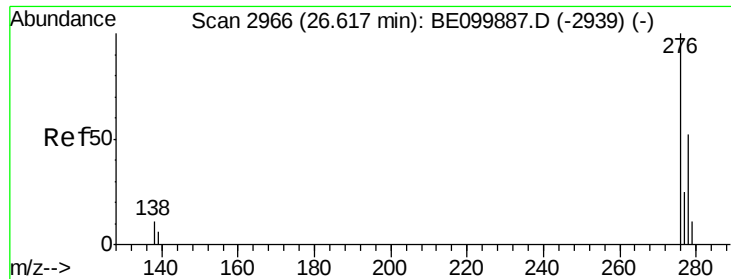
Abundance

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: 0.476 ng

RT: 26.60 min Scan# 2962

Delta R.T. -0.02 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

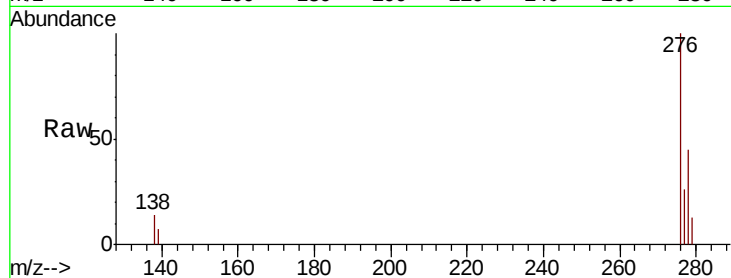
Tgt Ion:276 Resp: 16064

Ion Ratio Lower Upper

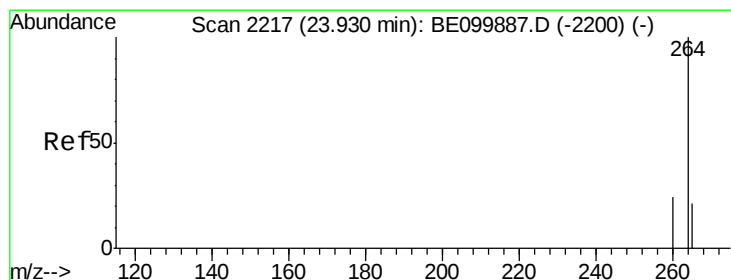
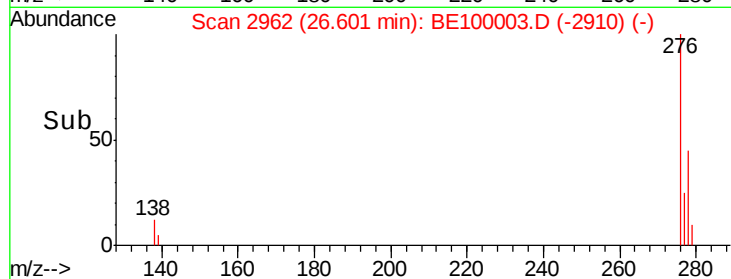
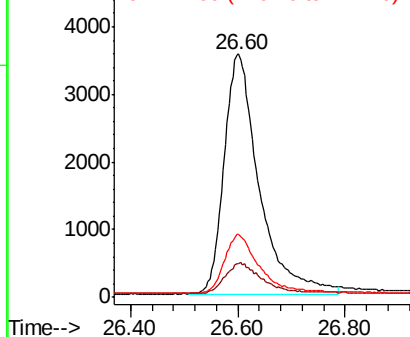
276 100

138 12.9 10.1 15.1

277 23.4 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: BE100003.D

Acq: 13 Jun 2019 23:13

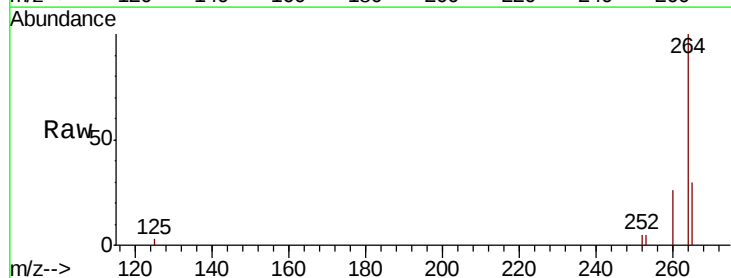
Tgt Ion:264 Resp: 10391

Ion Ratio Lower Upper

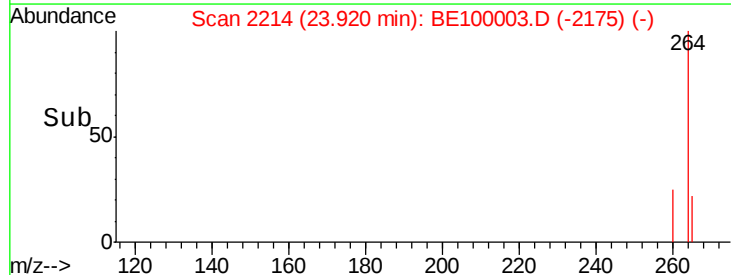
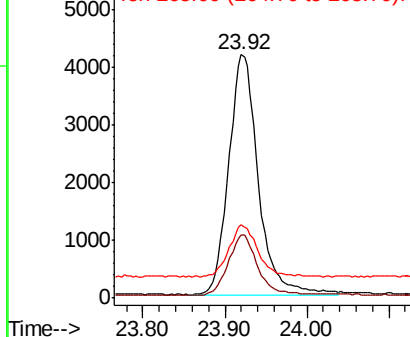
264 100

260 25.7 20.2 30.2

265 30.3 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: 0.491 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

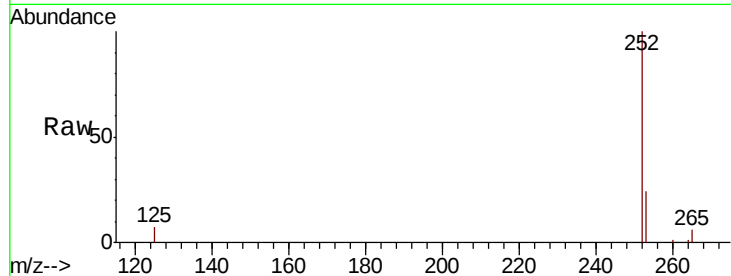
Tgt Ion:252 Resp: 14291

Ion Ratio Lower Upper

252 100

253 24.2 18.7 28.1

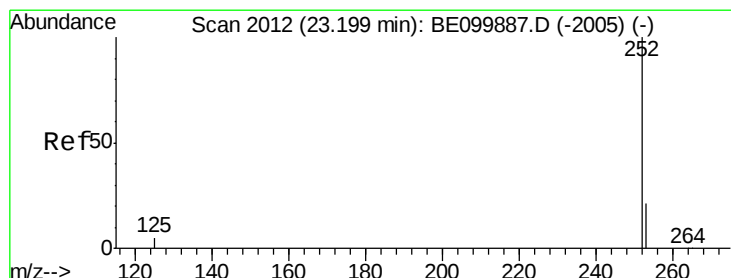
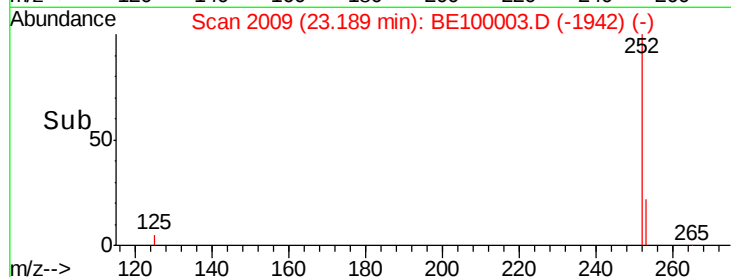
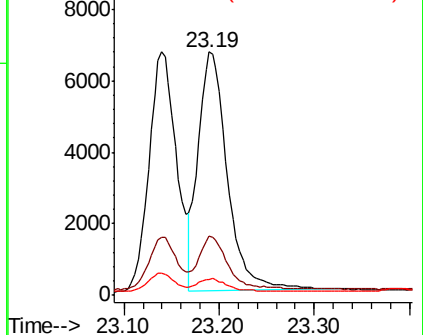
125 6.7 5.7 8.5



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: 0.469 ng

RT: 23.19 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

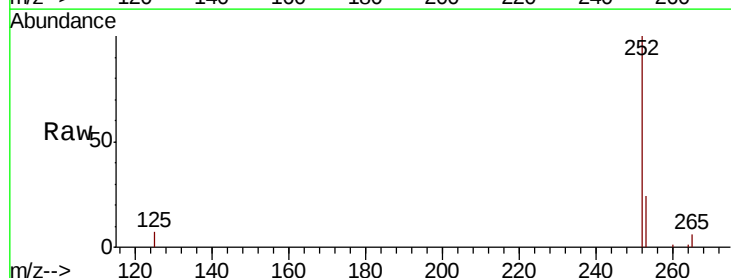
Tgt Ion:252 Resp: 14291

Ion Ratio Lower Upper

252 100

253 24.2 18.6 28.0

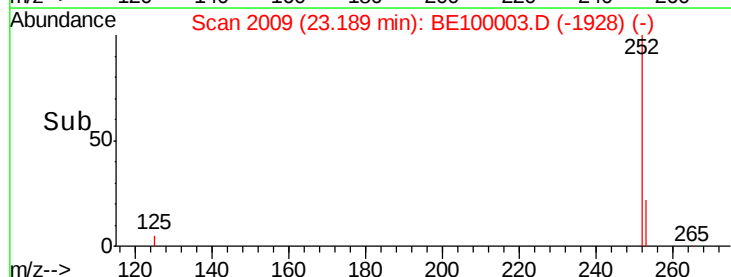
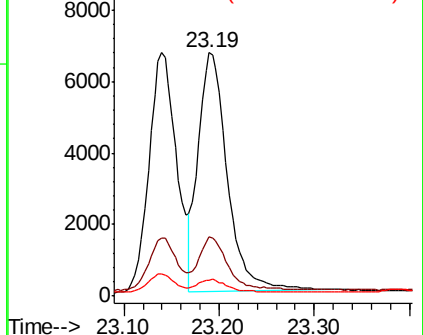
125 6.7 5.4 8.0



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

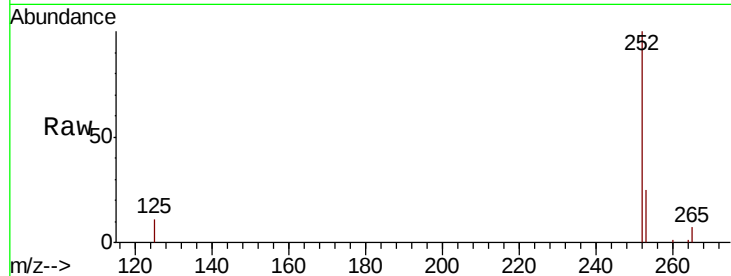




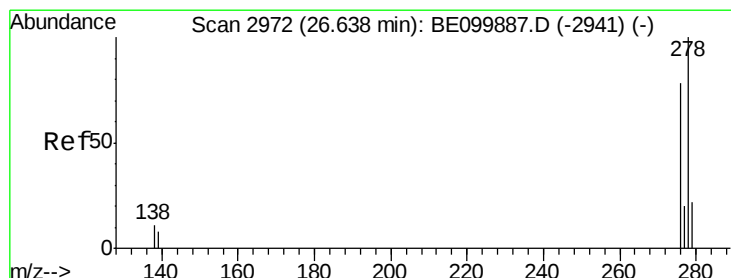
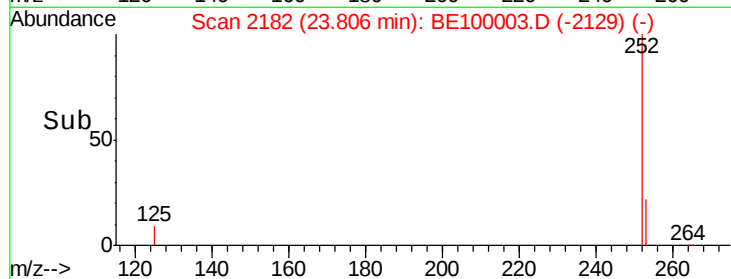
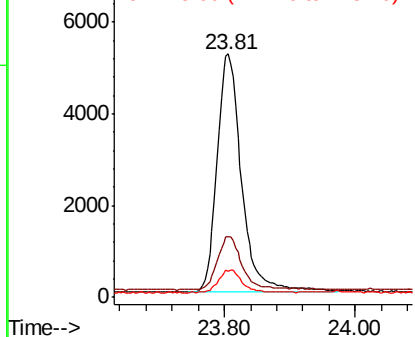
#37
Benzo(a)pyrene
Concen: 0.475 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tgt Ion: 252 Resp: 13620
Ion Ratio Lower Upper
252 100
253 24.9 19.6 29.4
125 10.9 6.6 10.0#

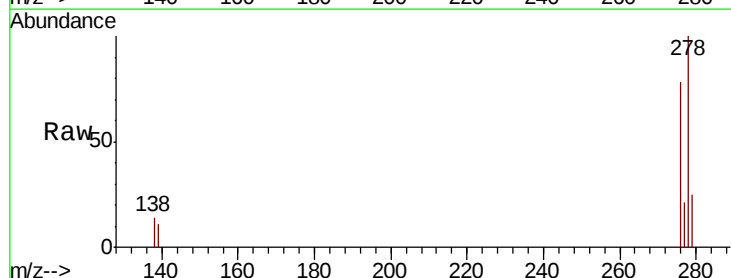


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

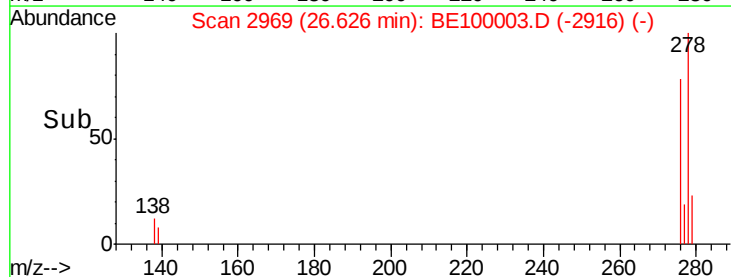
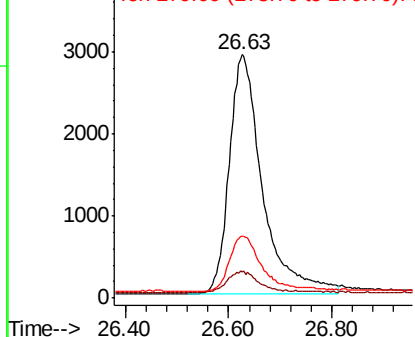


#38
Dibenzo(a,h)anthracene
Concen: 0.453 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion: 278 Resp: 13083
Ion Ratio Lower Upper
278 100
139 10.6 7.8 11.8
279 25.5 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: 0.463 ng

RT: 27.43 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BE100003.D

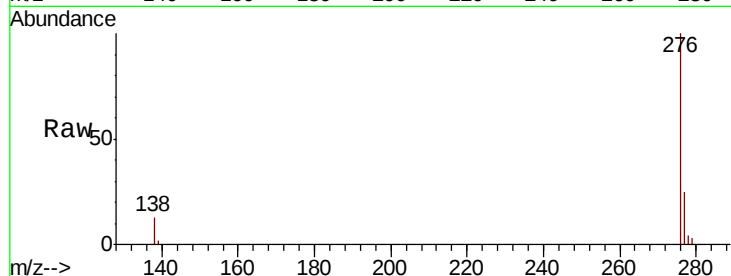
Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M



Tgt Ion: 276 Resp: 13822

Ion Ratio Lower Upper

276 100

277 25.4 19.5 29.3

138 12.9 9.5 14.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

