

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100388.D
 Acq On : 5 Jul 2019 19:10
 Operator : JU/SJ
 Sample : K3560-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW142-062419

Quant Time: Jul 06 00:13:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	663	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2264	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1771	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	5225	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	6868	0.40	ng	-0.01
34) Perylene-d12	23.66	264	8439	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	539	0.32	ng	-0.02
5) Phenol-d6	6.82	99	661	0.30	ng	-0.02
8) Nitrobenzene-d5	8.79	82	475	0.21	ng	-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1316	0.31	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	459	0.37	ng	-0.03
15) 2-Fluorobiphenyl	12.93	172	2009	0.29	ng	-0.01
25) Fluoranthene-d10	19.08	212	20591	0.27	ng	-0.02
29) Terphenyl-d14	19.68	244	4399	0.31	ng	-0.02

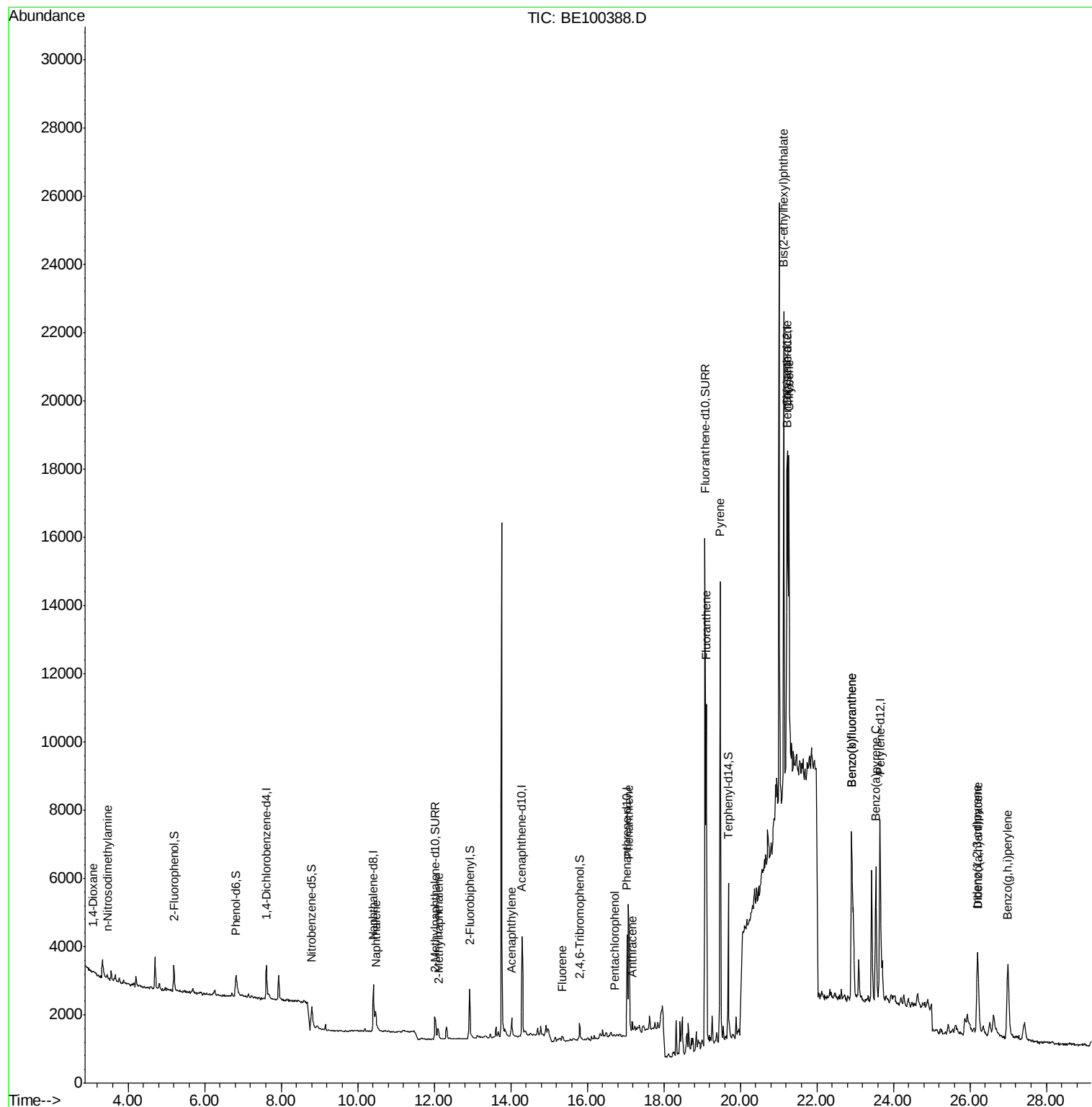
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	26	0.025	ng	# 32
3) n-Nitrosodimethylamine	3.47	42	19	0.040	ng	# 1
9) Naphthalene	10.47	128	1057	0.042	ng	# 83
12) 2-Methylnaphthalene	12.11	142	276	0.063	ng	# 92
16) Acenaphthylene	14.02	152	753	0.089	ng	# 95
18) Fluorene	15.34	166	218	0.031	ng	# 10
22) Pentachlorophenol	16.72	266	22	0.021	ng	# 73
23) Phenanthrene	17.08	178	4873	0.385	ng	# 97
24) Anthracene	17.18	178	525	0.046	ng	# 91
26) Fluoranthene	19.12	202	9904	0.491	ng	# 99
28) Pyrene	19.48	202	13284	0.731	ng	# 97
30) Benzo(a)anthracene	21.22	228	6496	0.288	ng	# 79
31) Chrysene	21.27	228	9835	0.434	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.14	149	15101	0.416	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.20	276	5309	0.177	ng	# 95
35) Benzo(b)fluoranthene	22.91	252	10296	0.450	ng	# 75
36) Benzo(k)fluoranthene	22.91	252	10296	0.403	ng	# 72
37) Benzo(a)pyrene	23.55	252	6533	0.285	ng	# 73
38) Dibenzo(a,h)anthracene	26.21	278	1333	0.056	ng	# 8
39) Benzo(g,h,i)perylene	26.99	276	6263	0.255	ng	# 84

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100388.D
Acq On : 5 Jul 2019 19:10
Operator : JU/SJ
Sample : K3560-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW142-062419

Quant Time: Jul 06 00:13:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



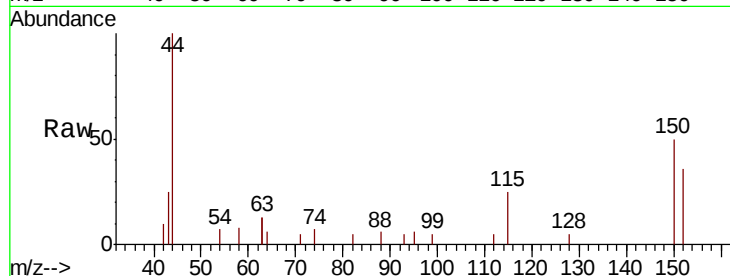


#1

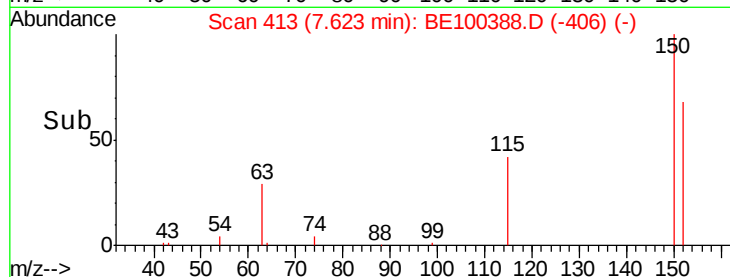
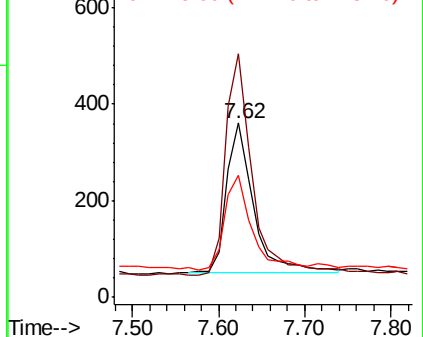
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion: 152 Resp: 663
Ion Ratio Lower Upper
152 100
150 139.6 114.5 171.7
115 70.4 57.1 85.7



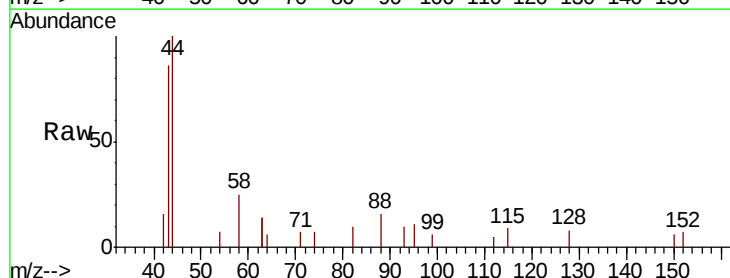
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



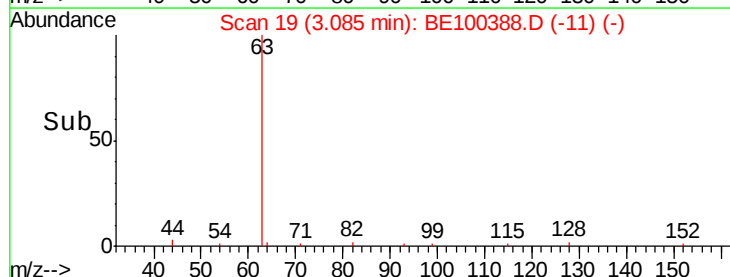
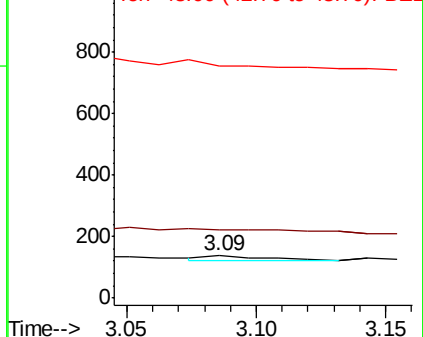
#2

1,4-Dioxane
Concen: 0.025 ng
RT: 3.09 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
58 0.0 43.6 65.4#
43 0.0 21.4 32.0#



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: 0.040 ng

RT: 3.47 min Scan# 52

Delta R.T. 0.00 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

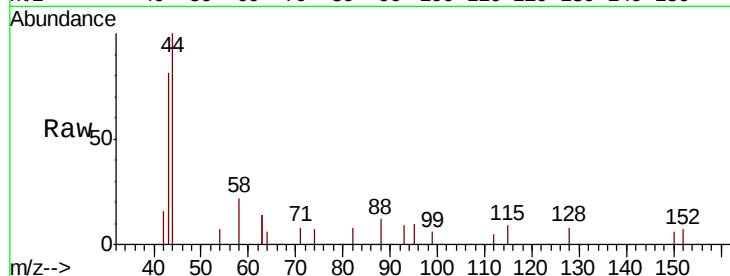
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

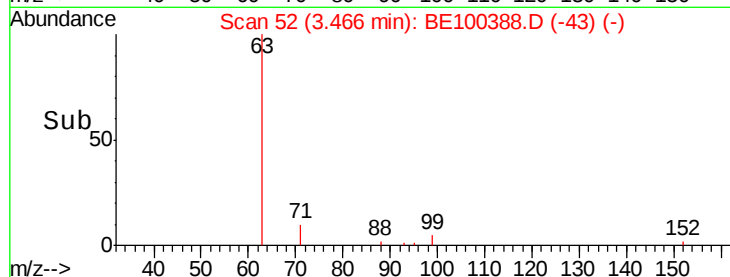
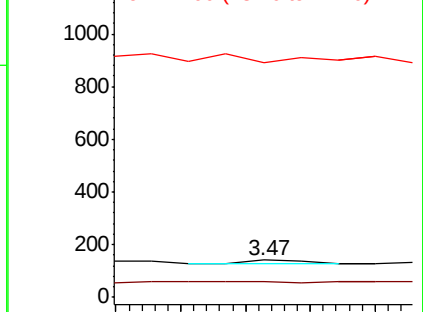
42 100

74 0.0 130.6 196.0#

44 0.0 38.0 57.0#



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: 0.319 ng

RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

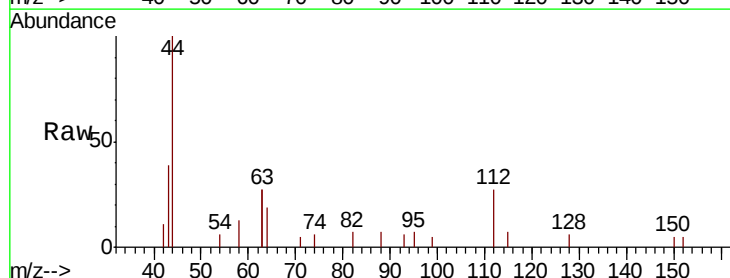
Tgt Ion: 112 Resp: 539

Ion Ratio Lower Upper

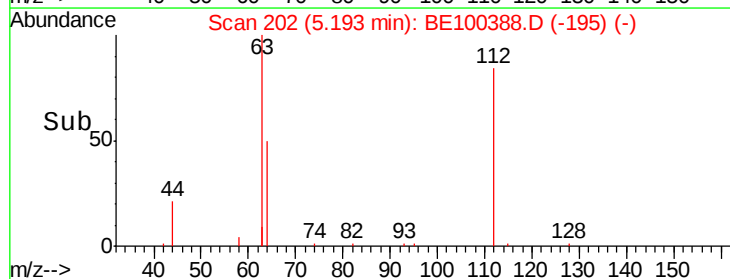
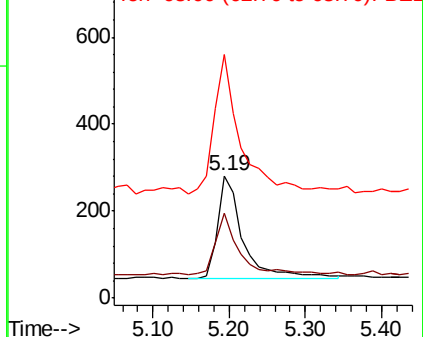
112 100

64 57.5 39.4 59.0

63 142.3 104.5 156.7



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: 0.297 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

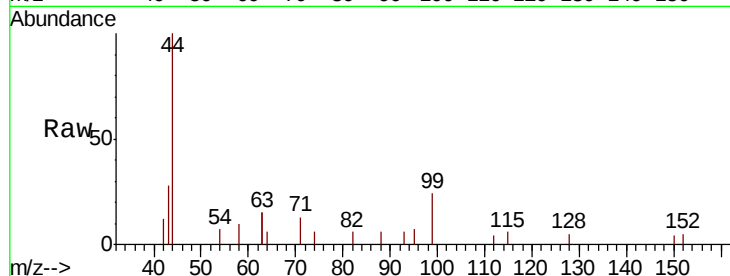
Tgt Ion: 99 Resp: 661

Ion Ratio Lower Upper

99 100

42 20.9 11.2 16.8#

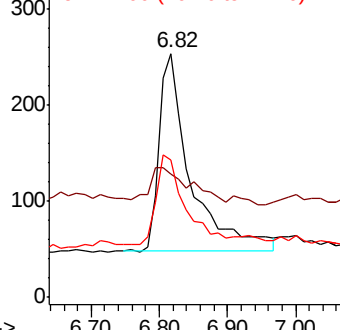
71 43.1 37.2 55.8



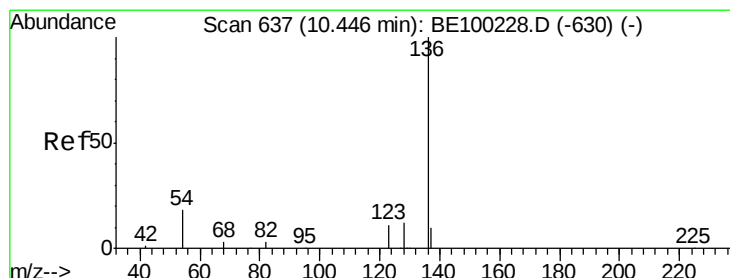
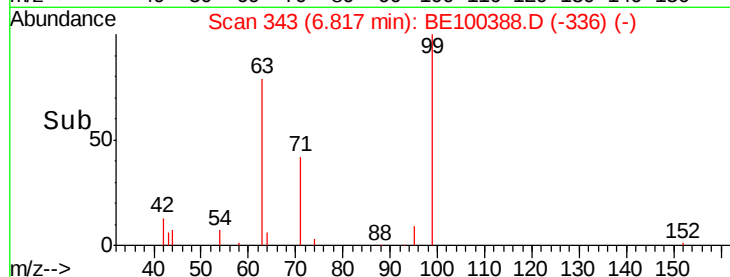
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Tgt Ion: 136 Resp: 2264

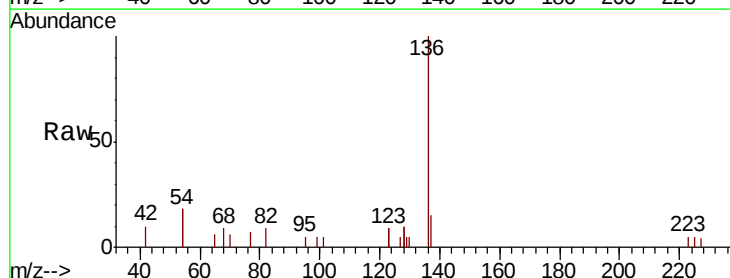
Ion Ratio Lower Upper

136 100

137 15.2 11.8 17.8

54 37.0 27.7 41.5

68 9.2 6.8 10.2

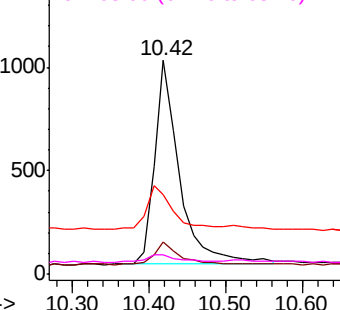


Abundance Ion 136.00 (135.70 to 136.70): BE1

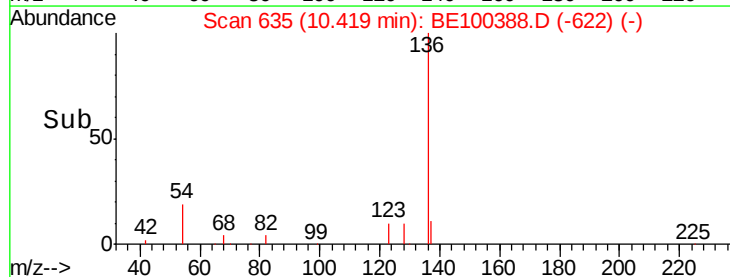
Ion 137.00 (136.70 to 137.70): BE1

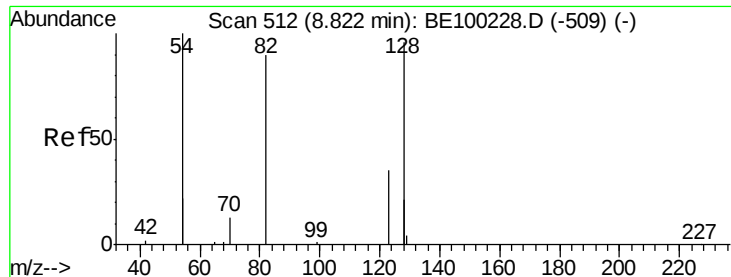
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time-->





#8

Nitrobenzene-d5

Concen: 0.211 ng

RT: 8.79 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

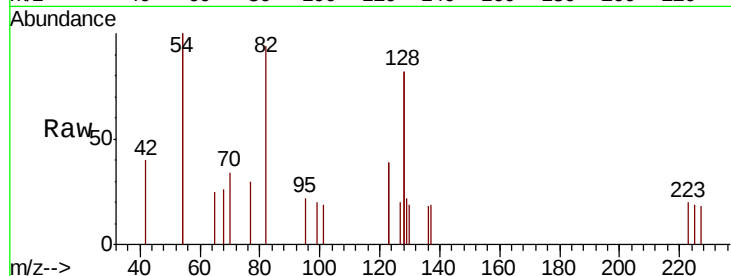
Tgt Ion: 82 Resp: 475

Ion Ratio Lower Upper

82 100

128 174.2 140.9 211.3

54 212.0 146.2 219.2



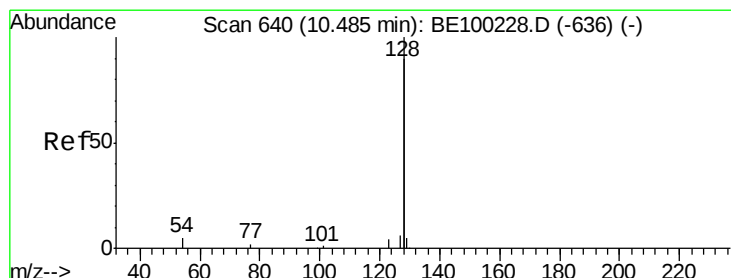
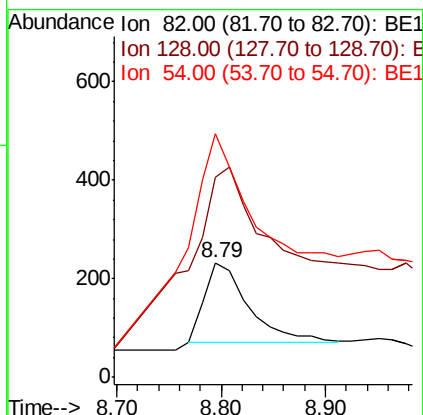
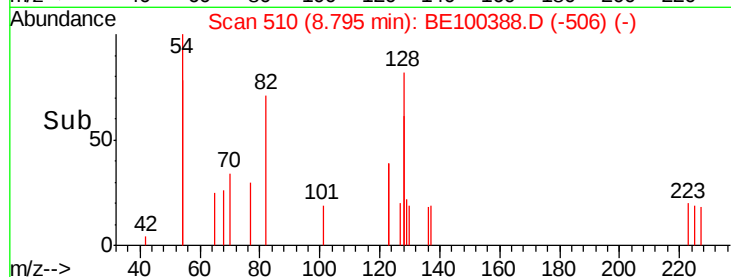
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

8.79

Time-->



#9

Naphthalene

Concen: 0.042 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

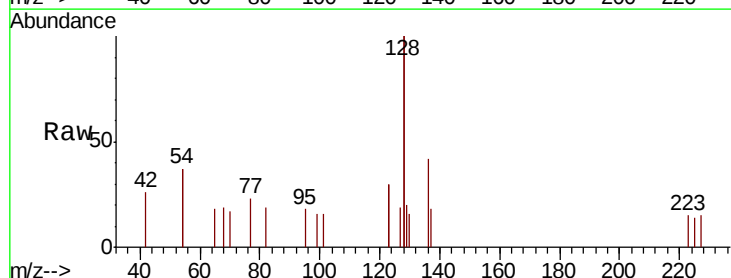
Tgt Ion: 128 Resp: 1057

Ion Ratio Lower Upper

128 100

129 10.1 3.0 4.6#

127 9.3 3.5 5.3#



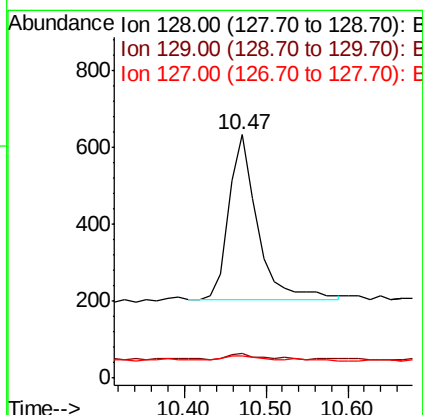
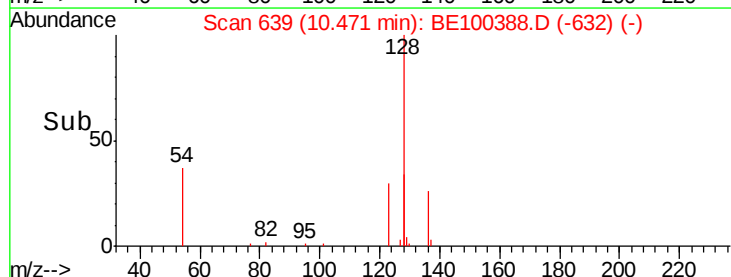
Abundance Ion 128.00 (127.70 to 128.70): E

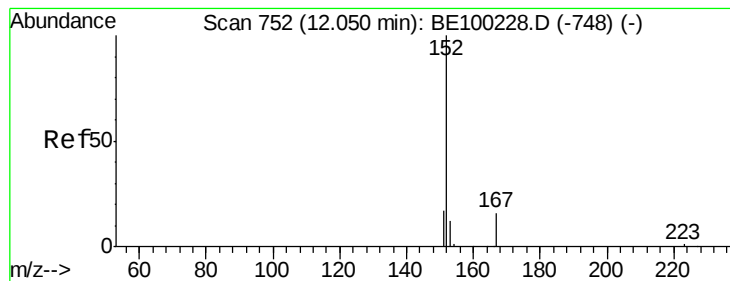
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.47

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 12.02 min Scan# 750

Delta R.T. -0.03 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

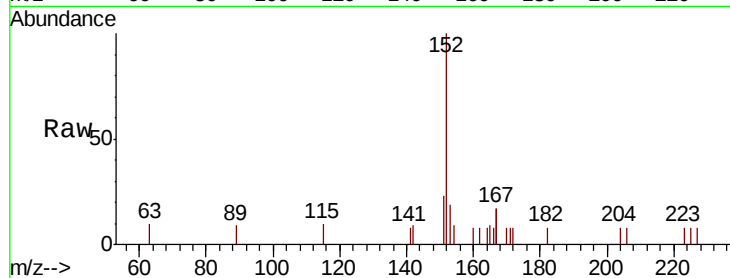
EXT-009-SW142-062419

Tgt Ion:152 Resp: 1316

Ion Ratio Lower Upper

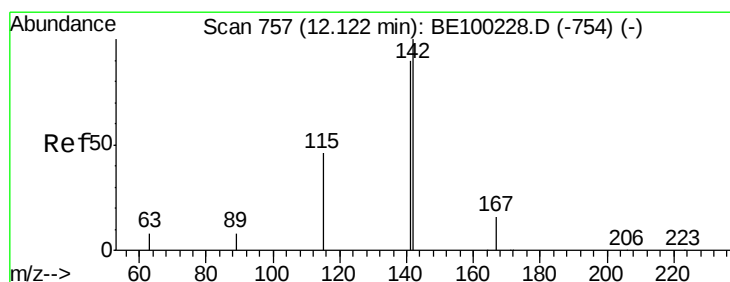
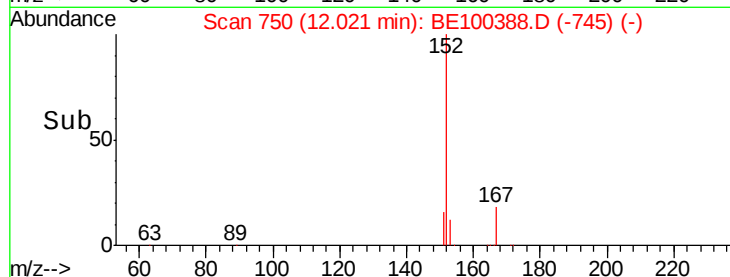
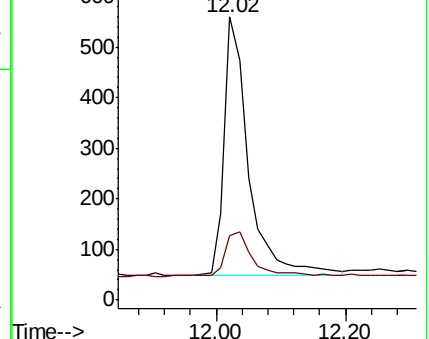
152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.063 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

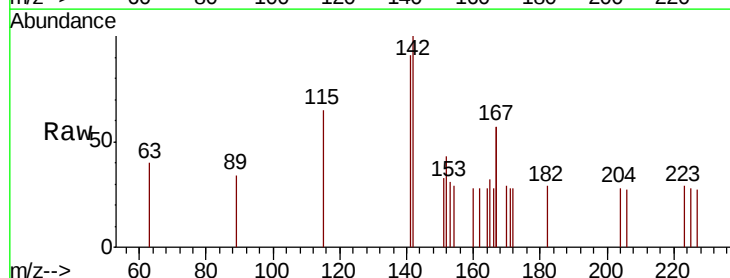
Tgt Ion:142 Resp: 276

Ion Ratio Lower Upper

142 100

141 91.5 72.4 108.6

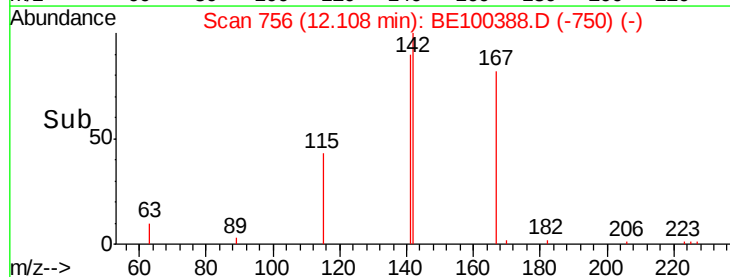
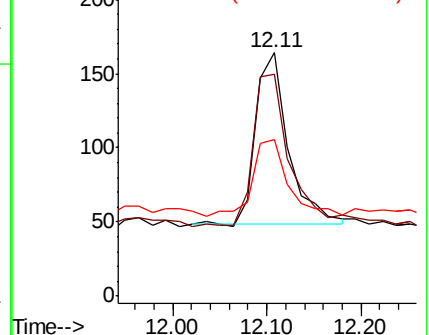
115 64.6 40.4 60.6#

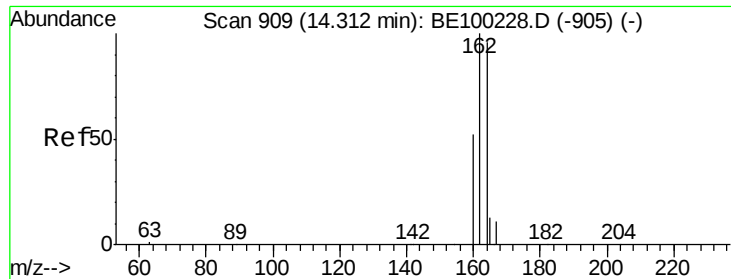


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

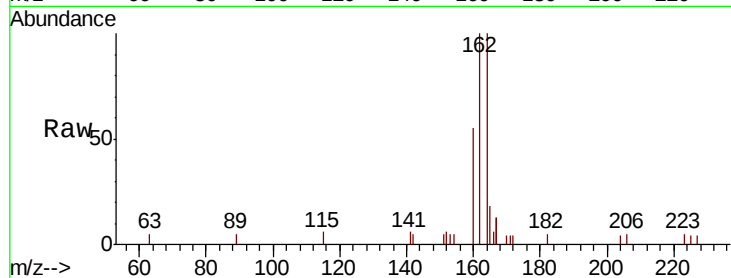




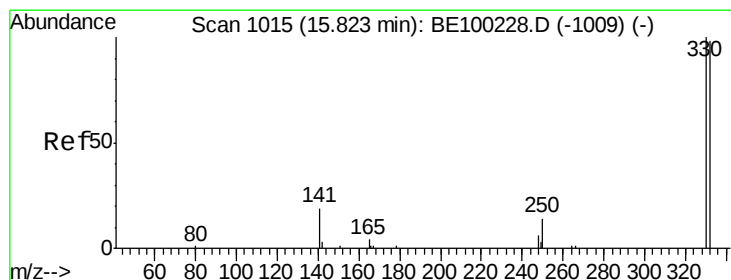
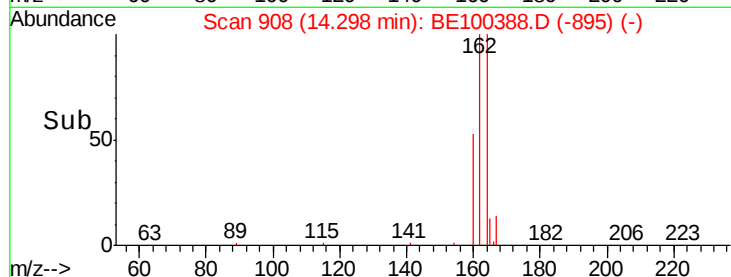
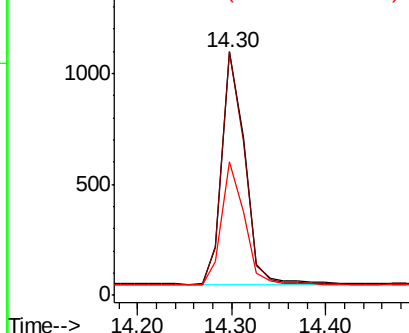
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE100388.D
 Acq: 5 Jul 2019 19:10

Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW142-062419

Tgt Ion:164 Resp: 1771
 Ion Ratio Lower Upper
 164 100
 162 99.8 83.4 125.0
 160 54.9 45.0 67.6

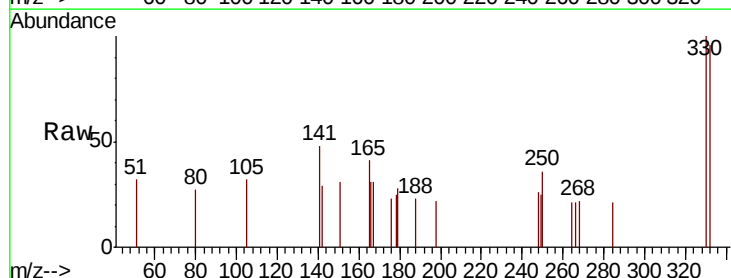


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

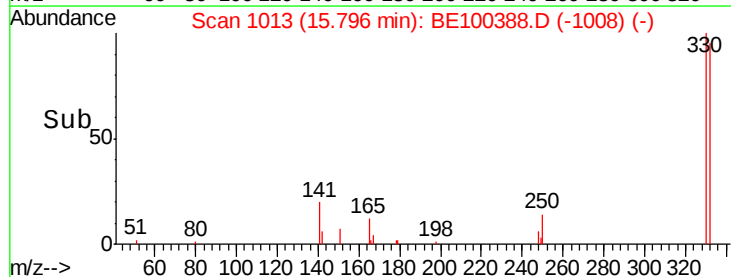
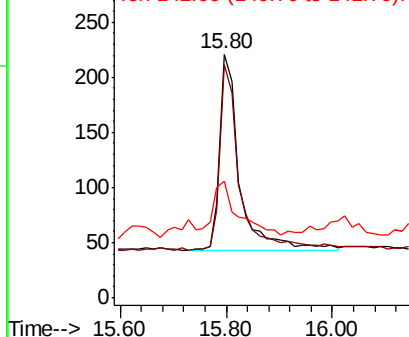


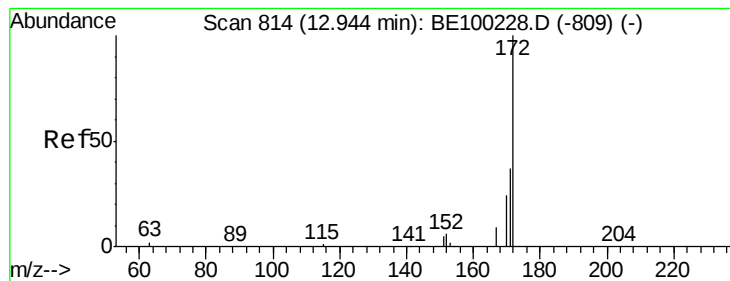
#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.80 min Scan# 1013
 Delta R.T. -0.03 min
 Lab File: BE100388.D
 Acq: 5 Jul 2019 19:10

Tgt Ion:330 Resp: 459
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.0 115.4
 141 33.3 22.0 33.0#



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

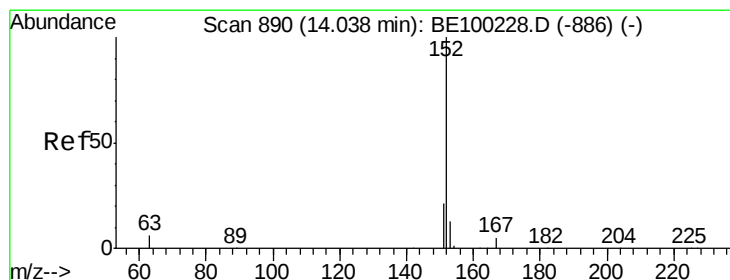
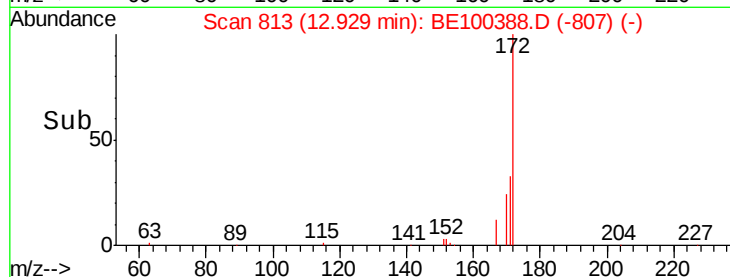
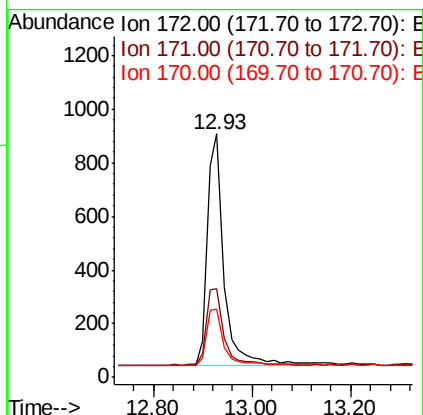
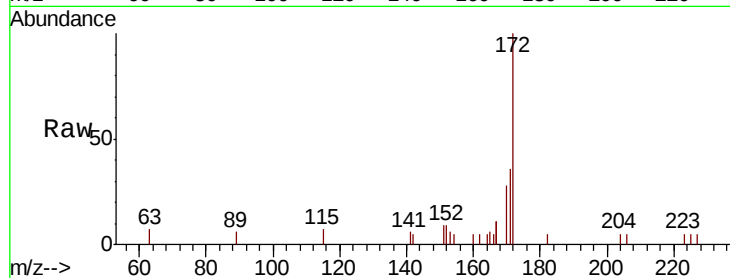




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

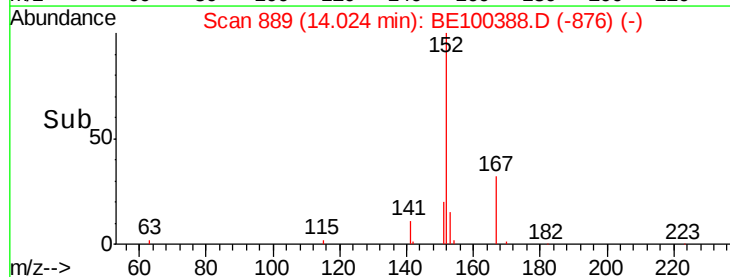
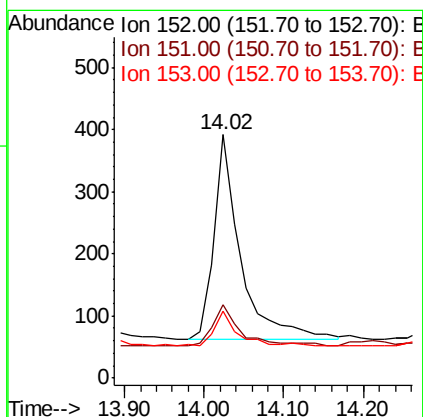
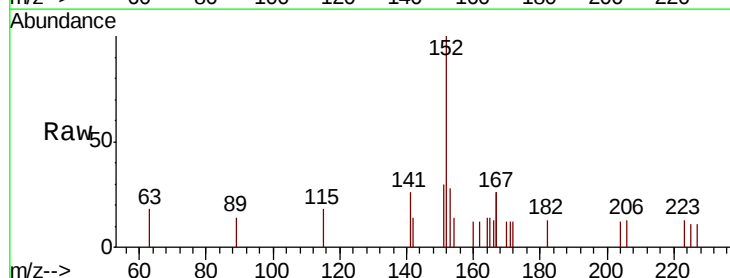
Instrument :
BNA_N
ClientSampleId :
EXT-009-SW142-062419

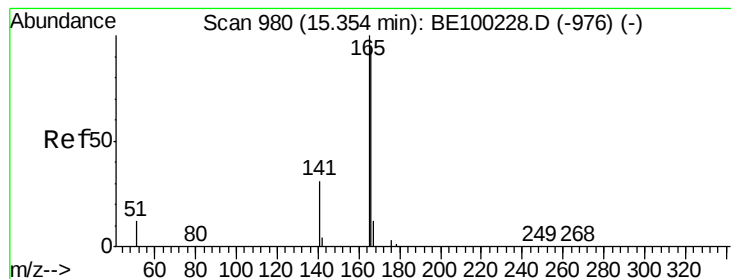
Tgt Ion:172 Resp: 2009
Ion Ratio Lower Upper
172 100
171 36.3 31.9 47.9
170 28.0 22.2 33.2



#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:152 Resp: 753
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0
153 18.1 10.5 15.7#





#18

Fluorene

Concen: 0.031 ng

RT: 15.34 min Scan# 979

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

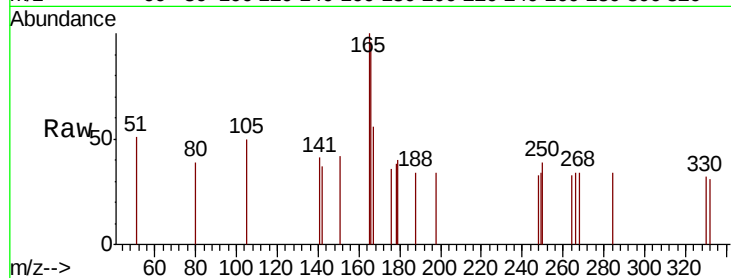
Tgt Ion:166 Resp: 218

Ion Ratio Lower Upper

166 100

165 0.0 81.1 121.7#

167 9.6 10.7 16.1#

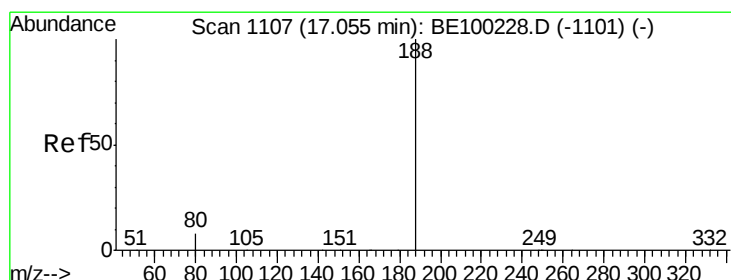
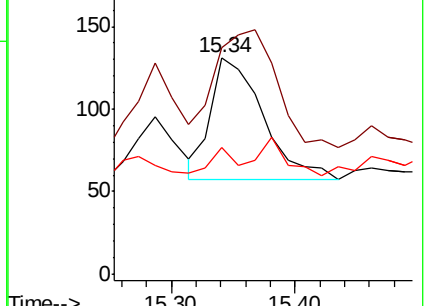
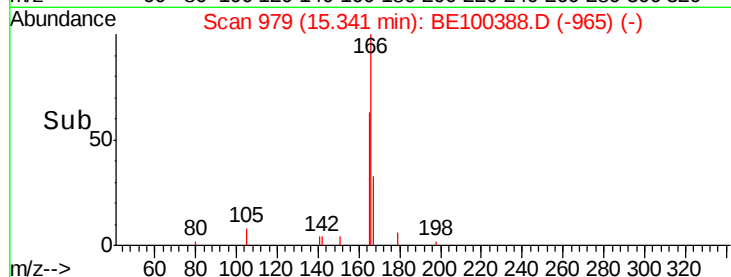


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.34



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

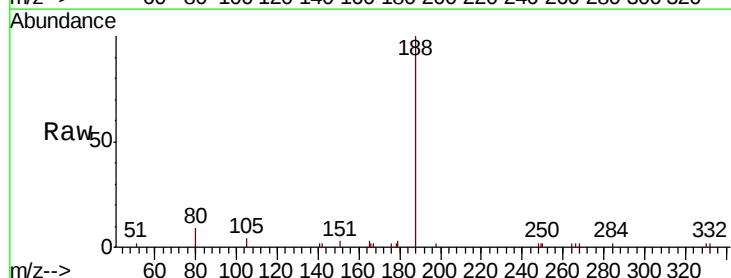
Tgt Ion:188 Resp: 5225

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

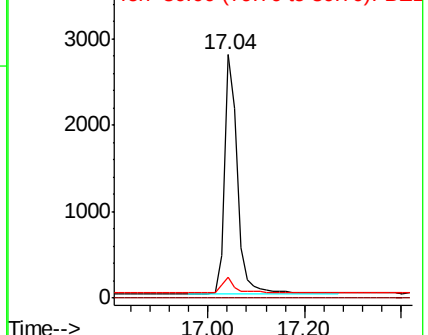
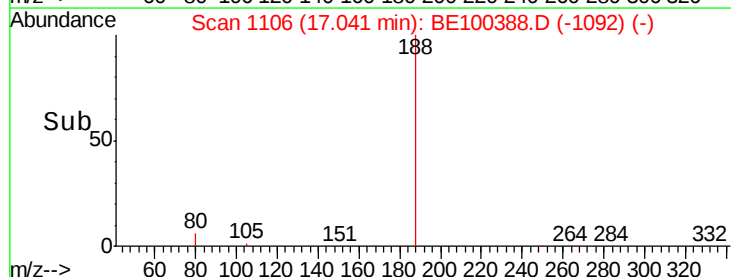
80 8.6 7.6 11.4

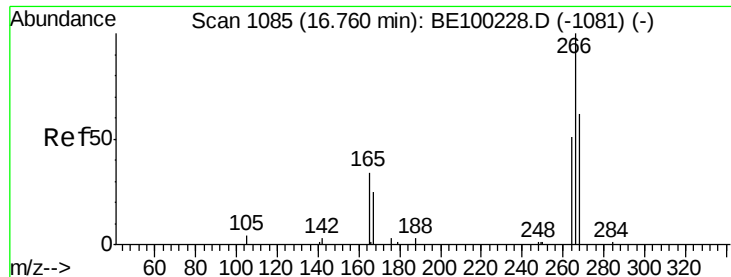


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

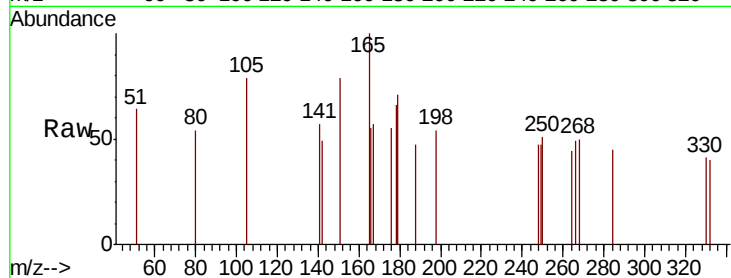
Tgt Ion: 266 Resp: 22

Ion Ratio Lower Upper

266 100

264 90.6 56.2 84.2#

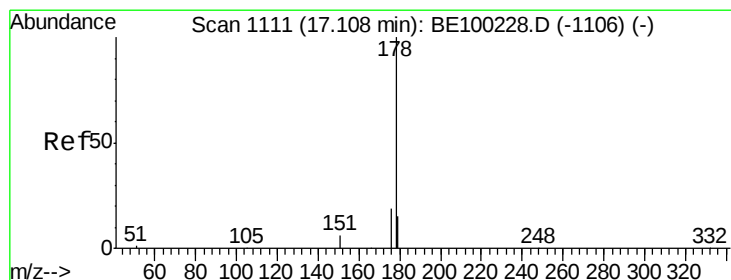
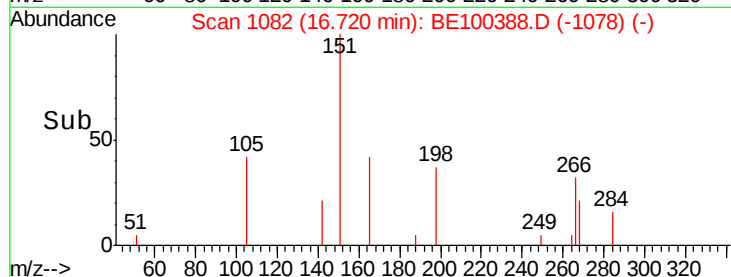
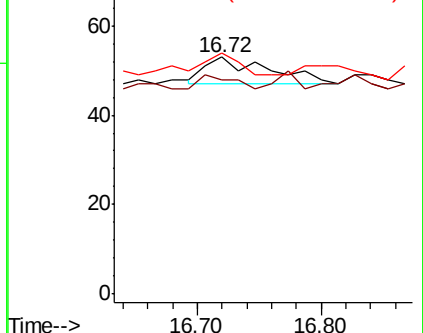
268 101.9 61.8 92.6#



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: 0.385 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

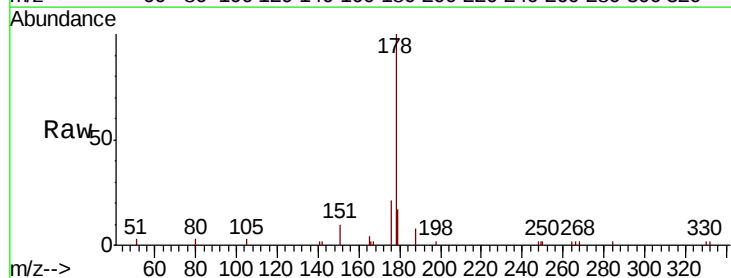
Tgt Ion: 178 Resp: 4873

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

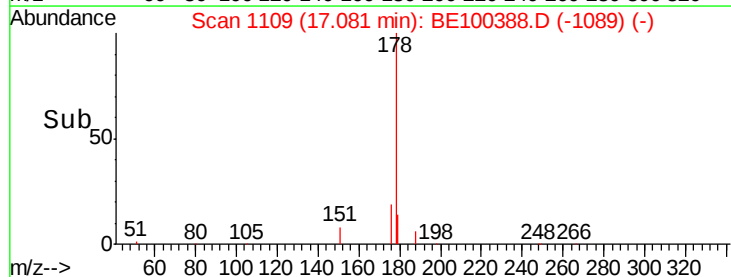
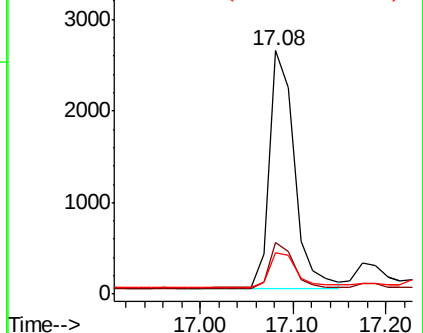
179 17.5 12.2 18.2

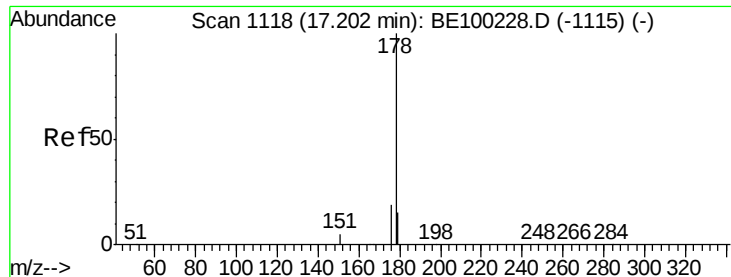


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.046 ng

RT: 17.18 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

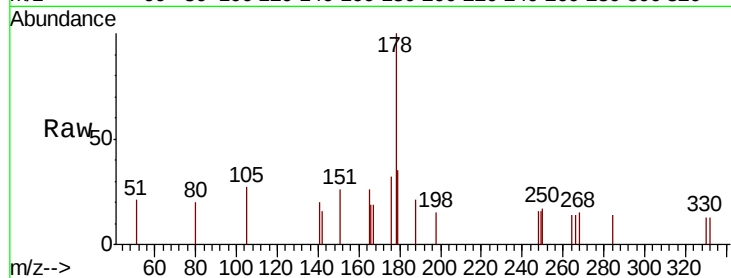
Tgt Ion:178 Resp: 525

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

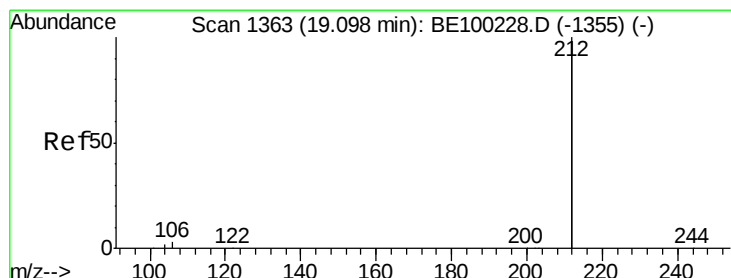
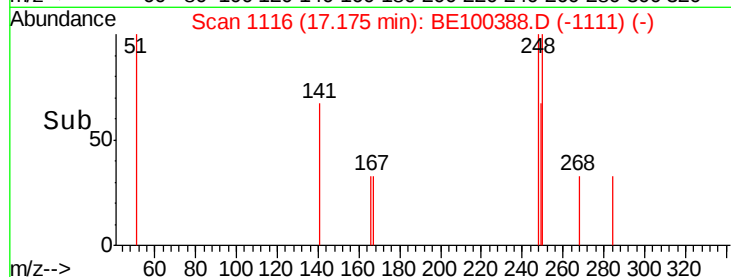
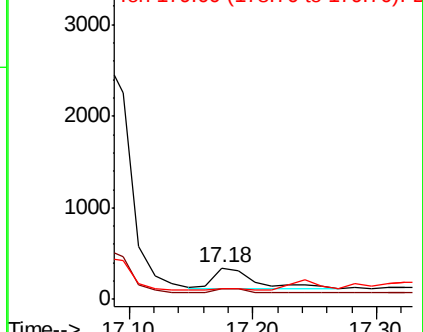
179 7.0 12.2 18.2#



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: 0.272 ng

RT: 19.08 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

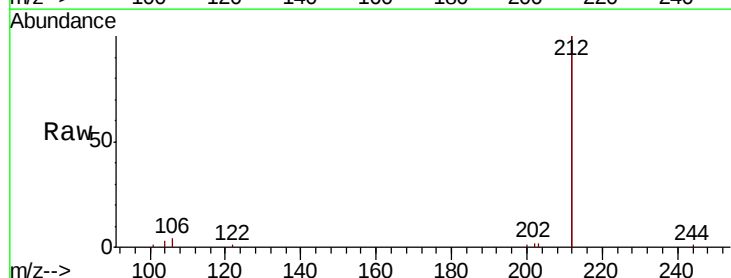
Tgt Ion:212 Resp: 20591

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

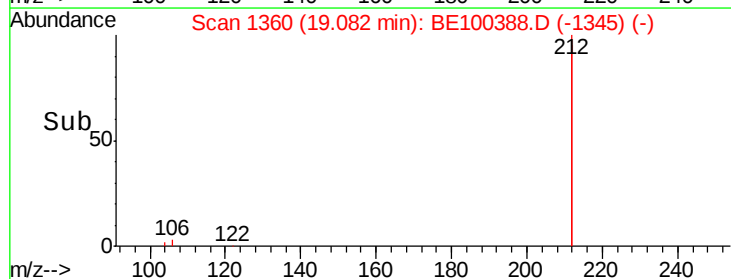
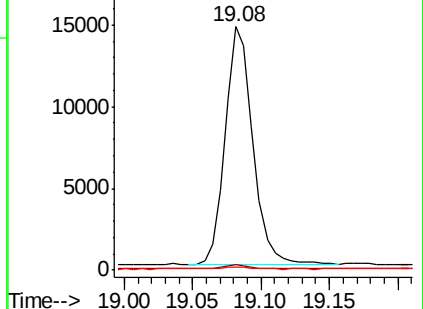
104 0.9 0.8 1.2

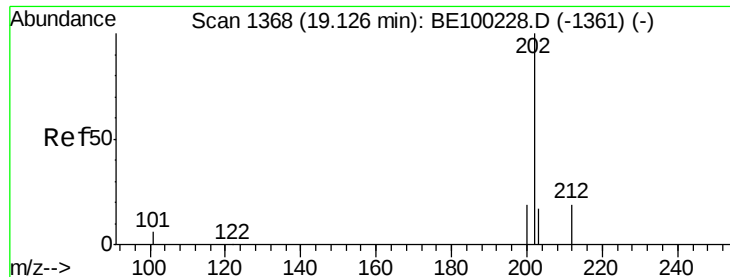


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

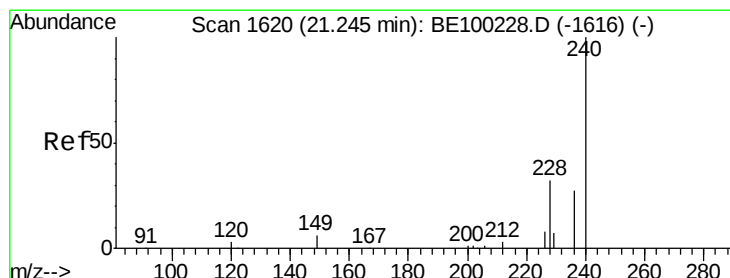
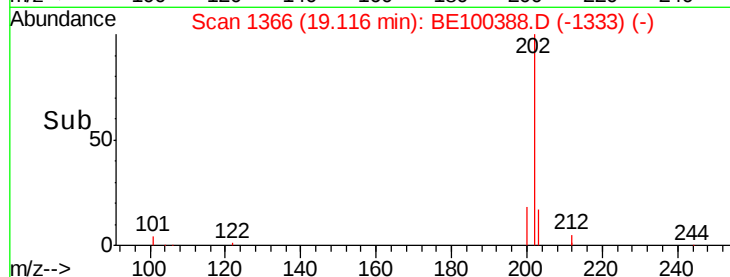
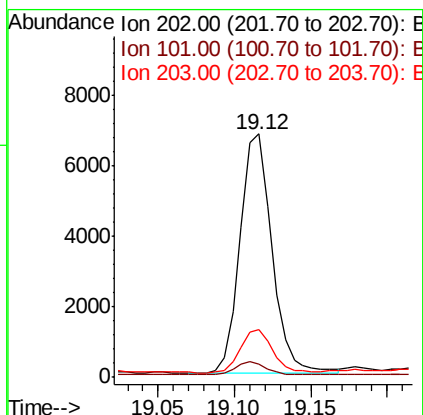
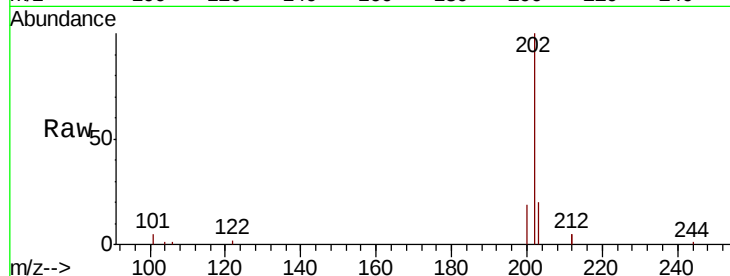




#26
 Fluoranthene
 Concen: 0.491 ng
 RT: 19.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BE100388.D
 Acq: 5 Jul 2019 19:10

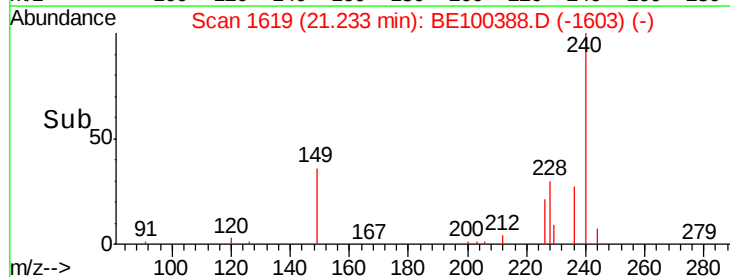
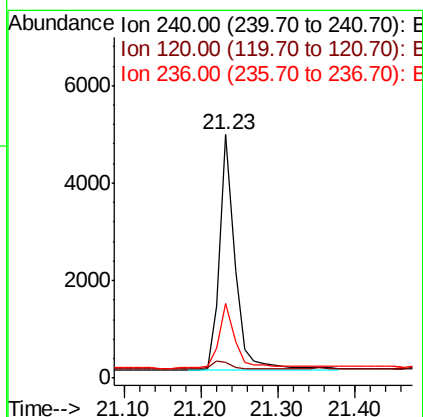
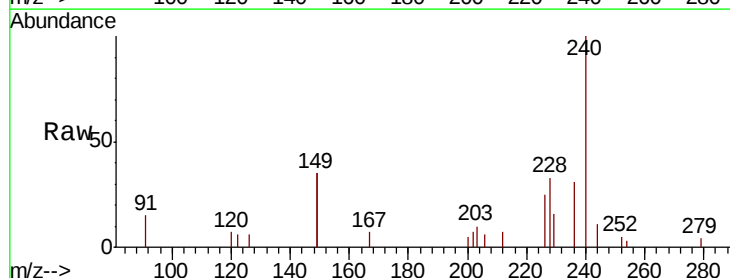
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW142-062419

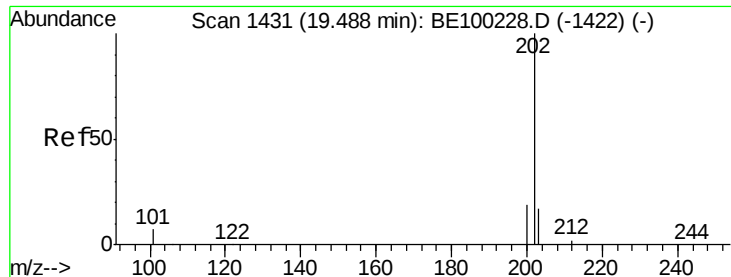
Tgt Ion: 202 Resp: 9904
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.6 7.0
 203 17.8 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100388.D
 Acq: 5 Jul 2019 19:10

Tgt Ion: 240 Resp: 6868
 Ion Ratio Lower Upper
 240 100
 120 6.5 3.3 4.9#
 236 30.6 22.6 34.0

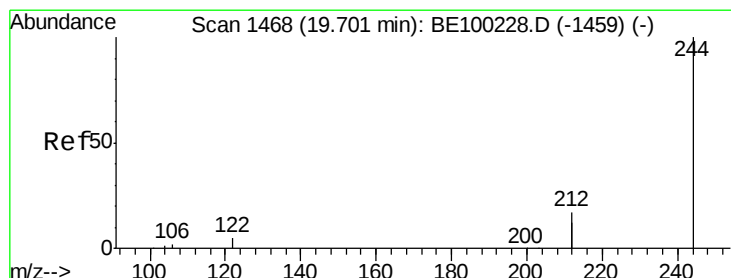
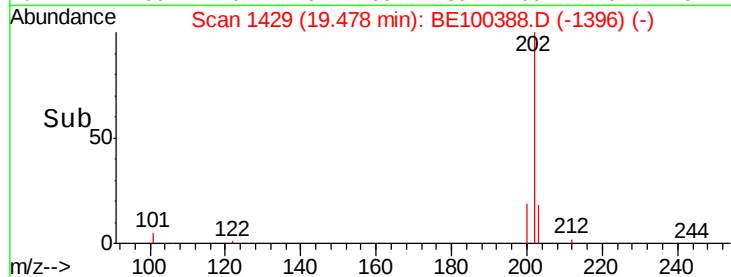
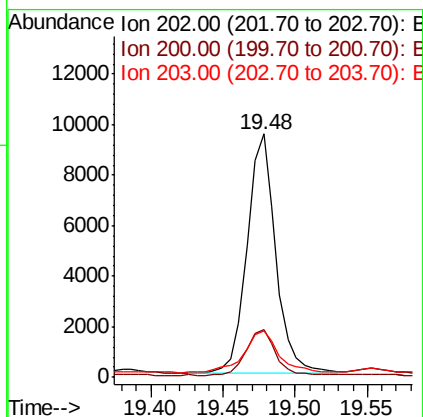
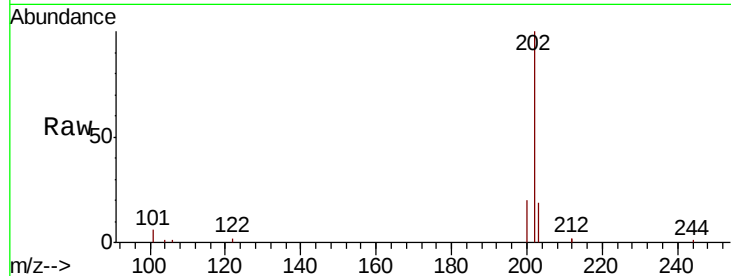




#28
 Pyrene
 Concen: 0.731 ng
 RT: 19.48 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BE100388.D
 Acq: 5 Jul 2019 19:10

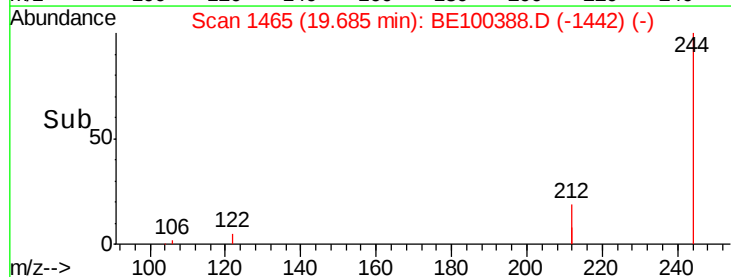
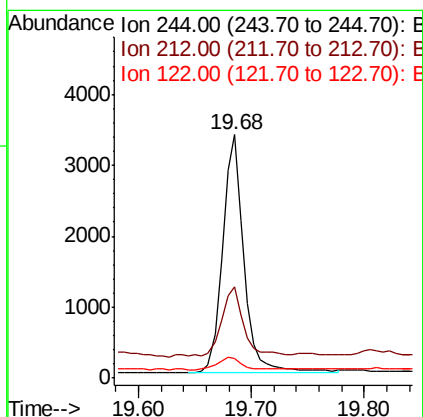
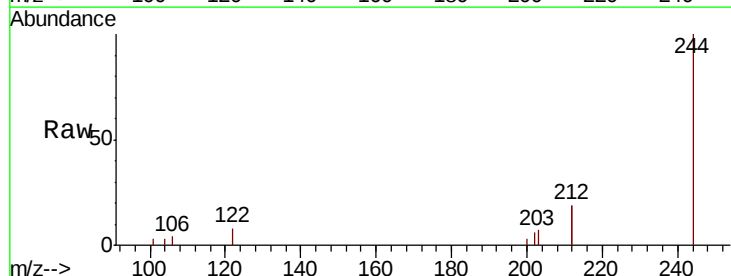
Instrument :
 BNA_N
 ClientSampleId :
 EXT-009-SW142-062419

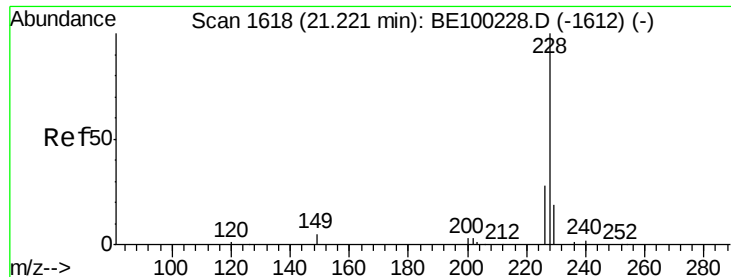
Tgt Ion: 202 Resp: 13284
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 20.5 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 19.68 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BE100388.D
 Acq: 5 Jul 2019 19:10

Tgt Ion: 244 Resp: 4399
 Ion Ratio Lower Upper
 244 100
 212 37.5 27.3 40.9
 122 8.0 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 0.288 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

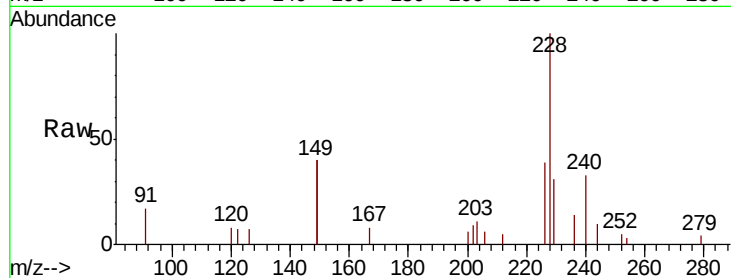
Tgt Ion:228 Resp: 6496

Ion Ratio Lower Upper

228 100

226 39.2 23.2 34.8#

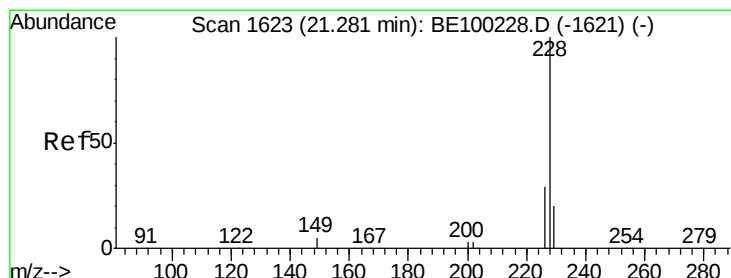
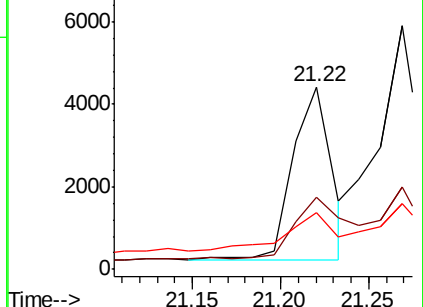
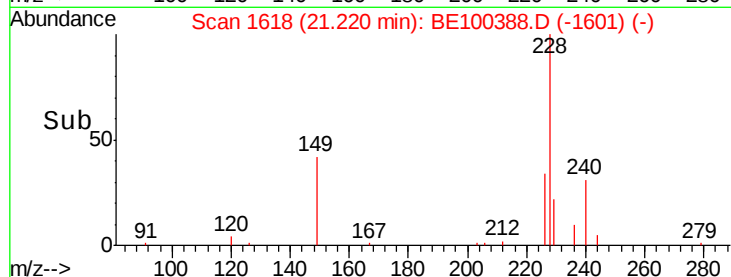
229 30.9 15.7 23.5#



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: 0.434 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

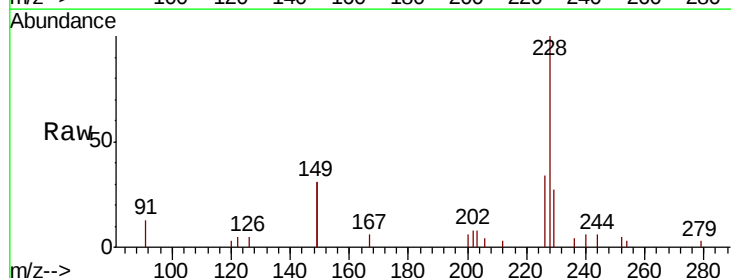
Tgt Ion:228 Resp: 9835

Ion Ratio Lower Upper

228 100

226 34.0 23.9 35.9

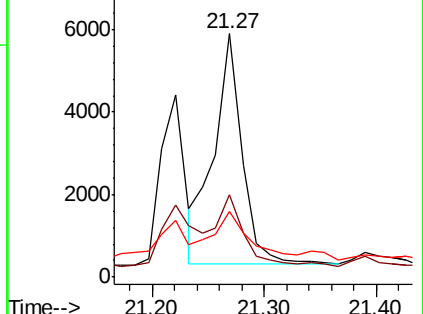
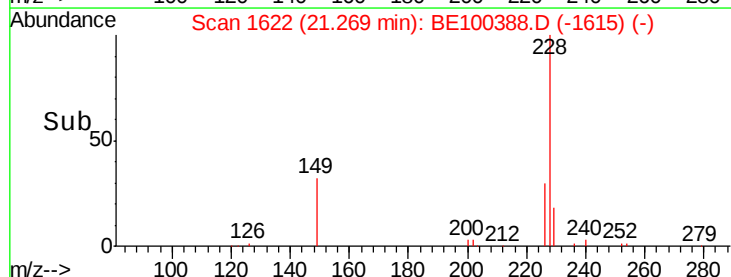
229 27.2 16.5 24.7#

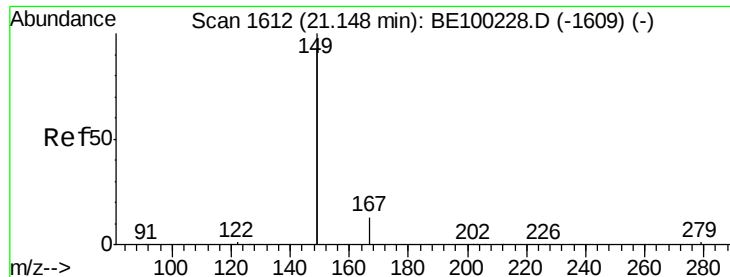


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.416 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

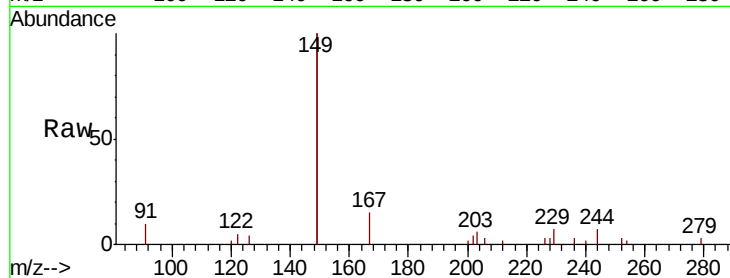
Tgt Ion:149 Resp: 15101

Ion Ratio Lower Upper

149 100

167 8.5 5.8 8.8

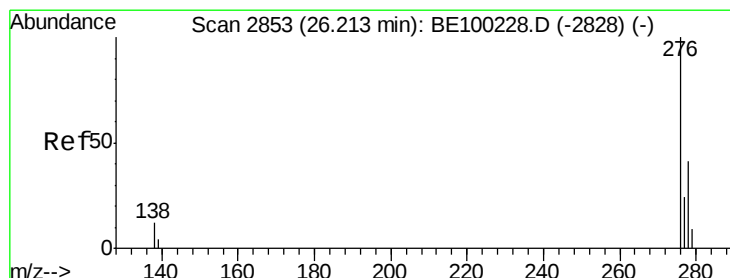
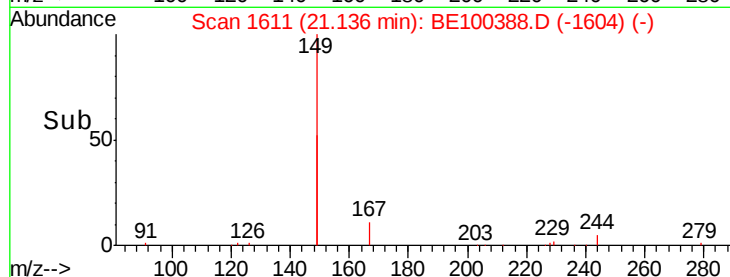
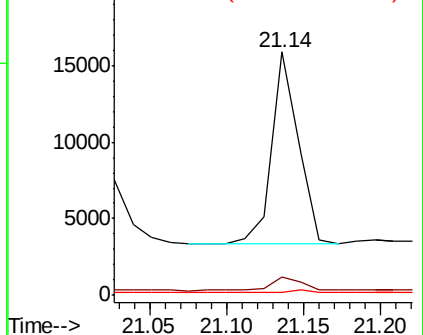
279 1.5 1.1 1.7



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: 0.177 ng

RT: 26.20 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

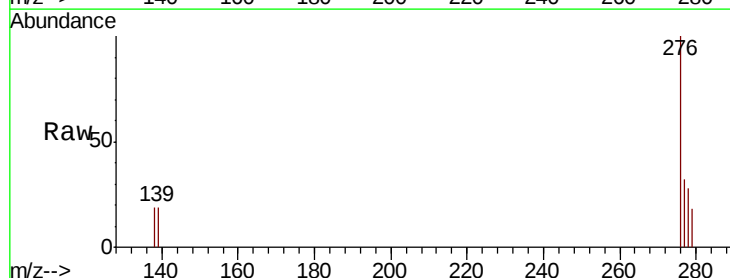
Tgt Ion:276 Resp: 5309

Ion Ratio Lower Upper

276 100

138 8.7 9.4 14.0#

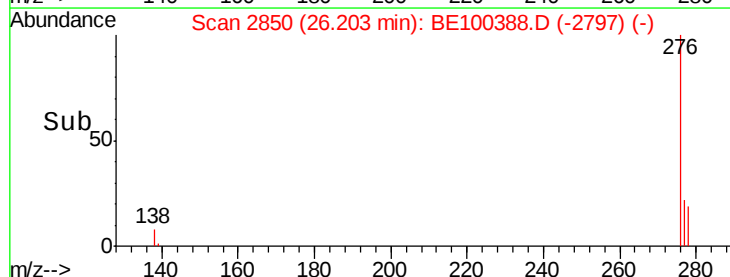
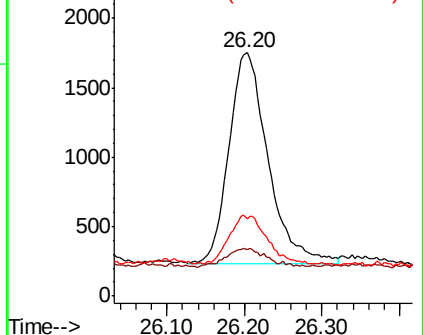
277 22.6 19.2 28.8

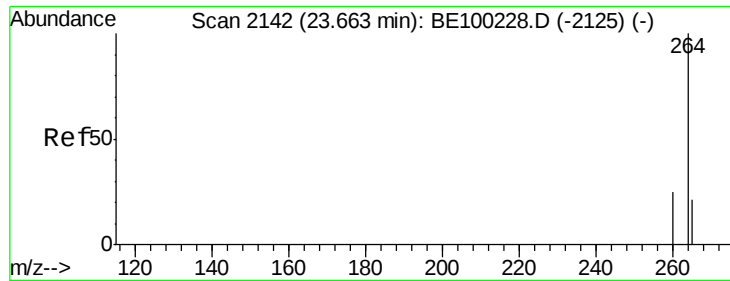


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

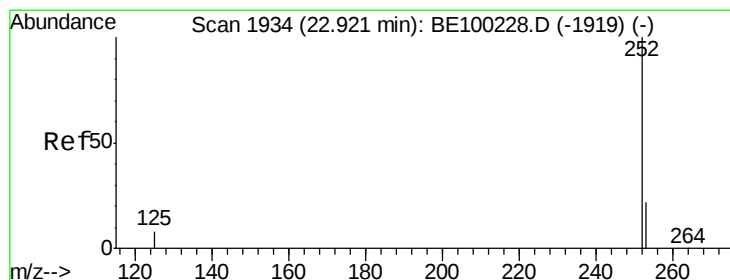
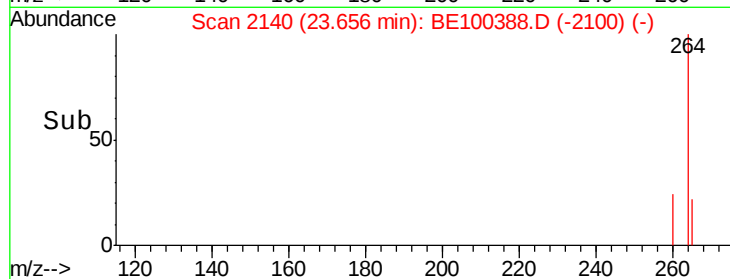
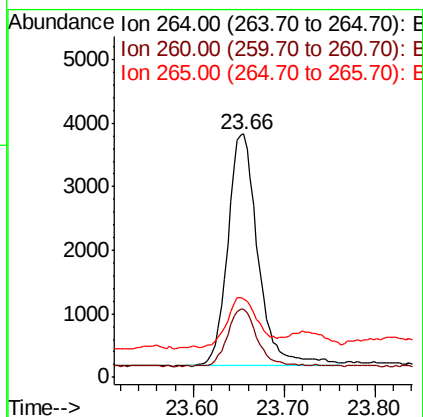
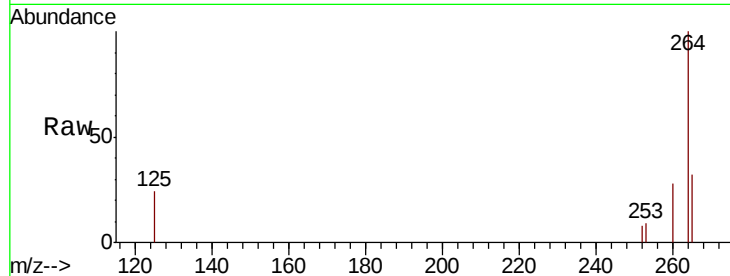




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

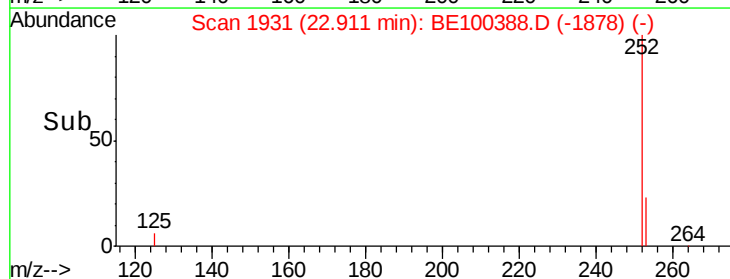
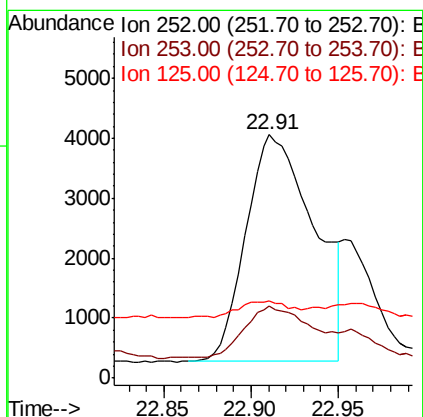
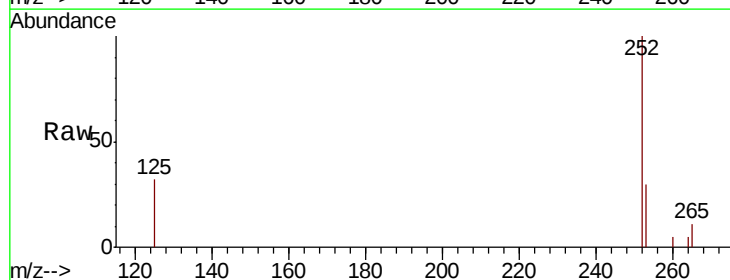
Instrument :
BNA_N
ClientSampleId :
EXT-009-SW142-062419

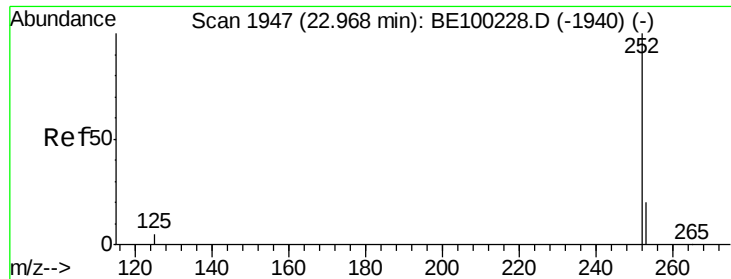
Tgt Ion: 264 Resp: 8439
Ion Ratio Lower Upper
264 100
260 28.1 20.8 31.2
265 32.3 21.8 32.6



#35
Benzo(b)fluoranthene
Concen: 0.450 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion: 252 Resp: 10296
Ion Ratio Lower Upper
252 100
253 29.6 19.2 28.8#
125 31.6 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 0.403 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

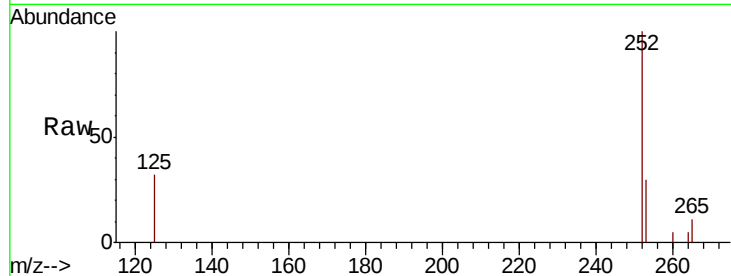
Tgt Ion:252 Resp: 10296

Ion Ratio Lower Upper

252 100

253 29.6 17.9 26.9#

125 31.6 5.0 7.4#

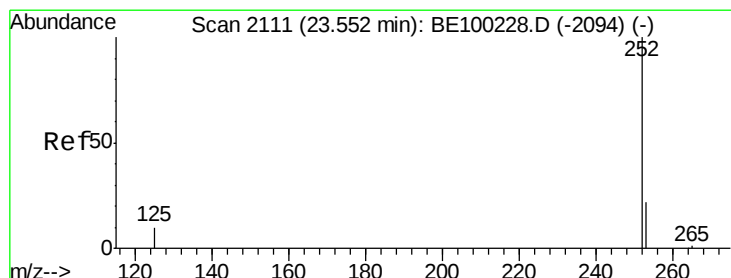
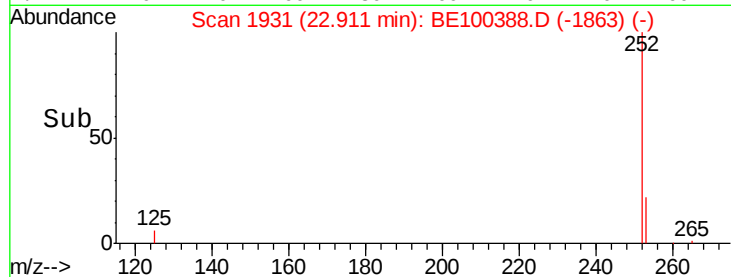
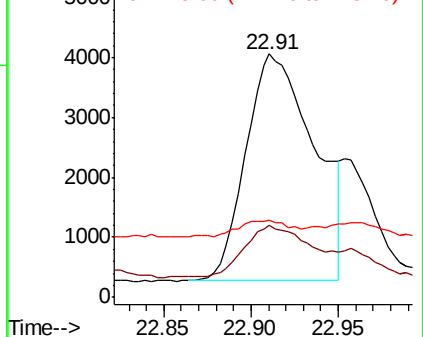


Abundance

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



#37

Benzo(a)pyrene

Concen: 0.285 ng

RT: 23.55 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

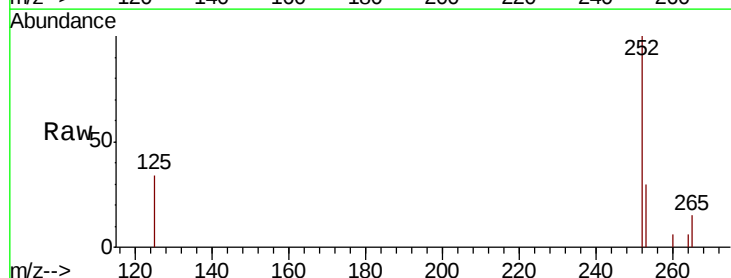
Tgt Ion:252 Resp: 6533

Ion Ratio Lower Upper

252 100

253 30.3 19.6 29.4#

125 34.4 9.0 13.6#

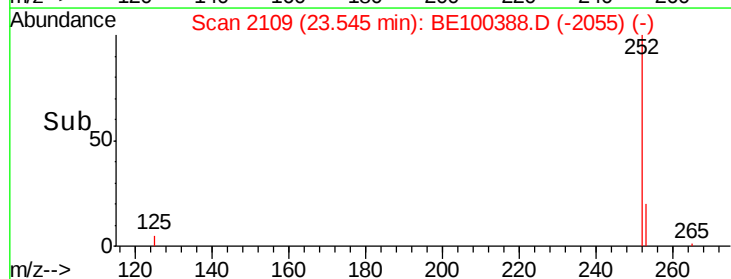
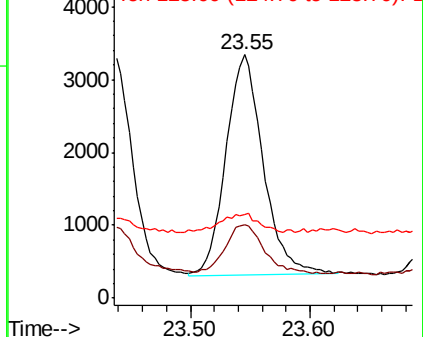


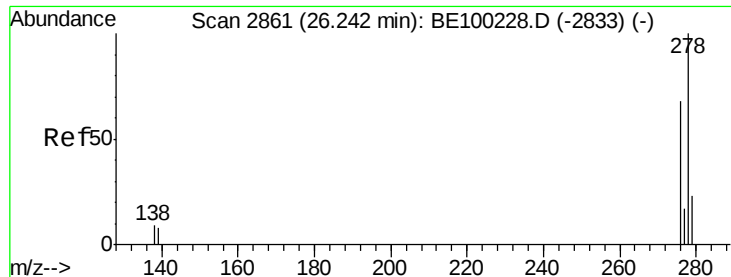
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.056 ng

RT: 26.21 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

Instrument :

BNA_N

ClientSampleId :

EXT-009-SW142-062419

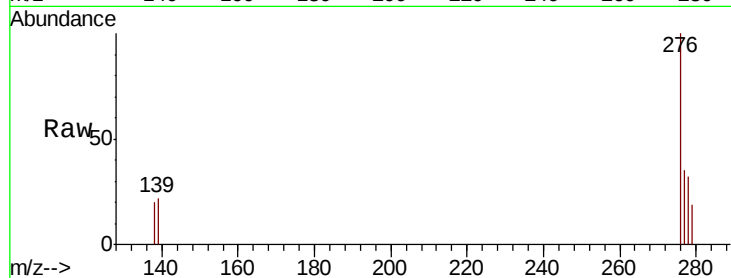
Tgt Ion: 278 Resp: 1333

Ion Ratio Lower Upper

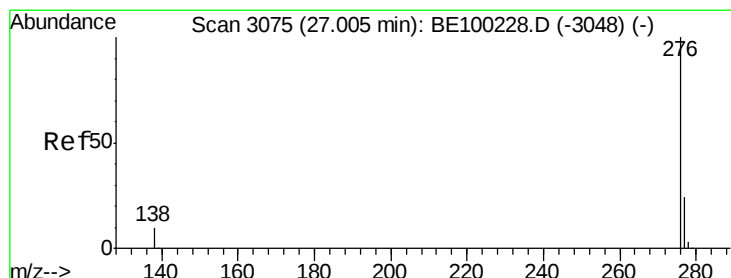
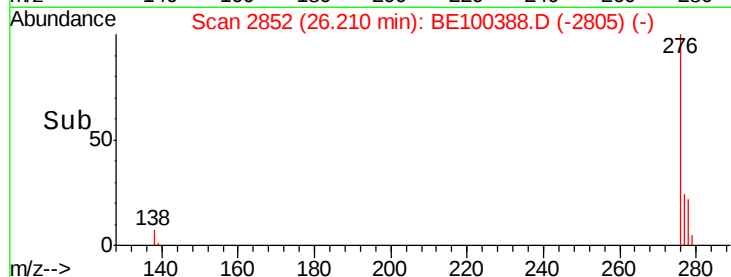
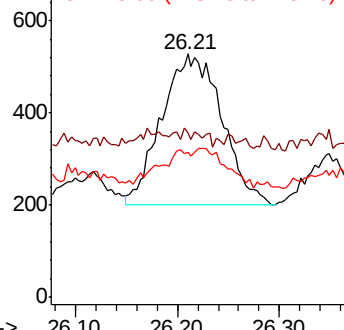
278 100

139 67.6 8.2 12.2#

279 59.5 20.3 30.5#



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: 0.255 ng

RT: 26.99 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100388.D

Acq: 5 Jul 2019 19:10

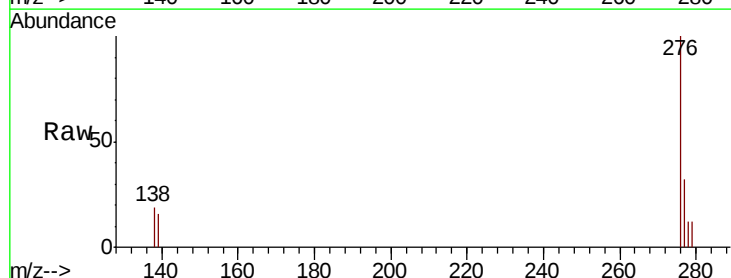
Tgt Ion: 276 Resp: 6263

Ion Ratio Lower Upper

276 100

277 32.4 20.2 30.2#

138 19.4 9.0 13.6#



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

