

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100275.D
 Acq On : 1 Jul 2019 20:54
 Operator : JU/SJ
 Sample : K3428-05DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW161-061319DL

Quant Time: Jul 02 02:22:46 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	7.64	152	887	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3140	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2506	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6791	0.40	ng	0.00
27) Chrysene-d12	21.24	240	9028	0.40	ng	0.00
34) Perylene-d12	23.67	264	10322	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	318	0.14	ng	0.00
5) Phenol-d6	6.82	99	464	0.16	ng	-0.01
8) Nitrobenzene-d5	8.82	82	459	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	1033	0.17	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	233	0.13	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	1351	0.14	ng	0.00
25) Fluoranthene-d10	19.10	212	15288	0.16	ng	0.00
29) Terphenyl-d14	19.70	244	3058	0.16	ng	0.00

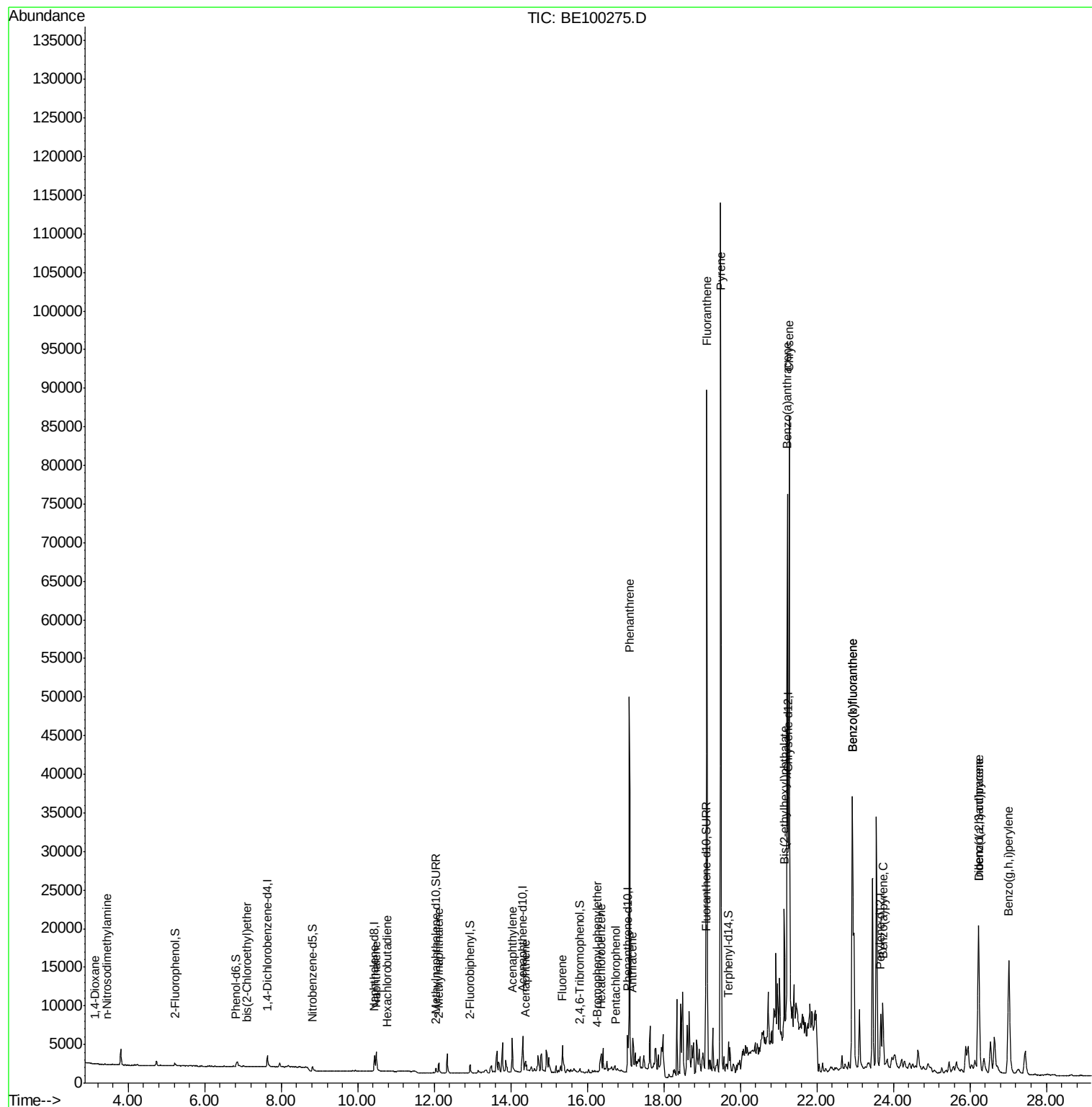
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	5	0.004	ng	# 1
3) n-Nitrosodimethylamine	3.44	42	44	0.069	ng	# 1
6) bis(2-Chloroethyl)ether	7.10	93	21	0.009	ng	# 1
9) Naphthalene	10.48	128	4628	0.134	ng	# 97
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	# 20
12) 2-Methylnaphthalene	12.12	142	1130	0.186	ng	96
16) Acenaphthylene	14.04	152	5244	0.436	ng	97
17) Acenaphthene	14.38	154	755	0.111	ng	91
18) Fluorene	15.35	166	2940	0.292	ng	# 88
20) 4-Bromophenyl-phenylether	16.25	248	6	0.001	ng	# 47
21) Hexachlorobenzene	16.36	284	13	0.003	ng	# 1
22) Pentachlorophenol	16.73	266	13	0.010	ng	# 72
23) Phenanthrene	17.09	178	55245	3.356	ng	99
24) Anthracene	17.19	178	4505	0.304	ng	98
26) Fluoranthene	19.13	202	81431	3.106	ng	99
28) Pyrene	19.49	202	103919	4.348	ng	97
30) Benzo(a)anthracene	21.23	228	66768	2.249	ng	95
31) Chrysene	21.28	228	63252	2.122	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	17857	0.368	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	35104	0.890	ng	97
35) Benzo(b)fluoranthene	22.93	252	64799	2.315	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	64799	2.074	ng	98
37) Benzo(a)pyrene	23.72	252	10743	0.383	ng	93
38) Dibenzo(a,h)anthracene	26.23	278	4672	0.159	ng	# 85
39) Benzo(g,h,i)perylene	27.02	276	37431	1.244	ng	99

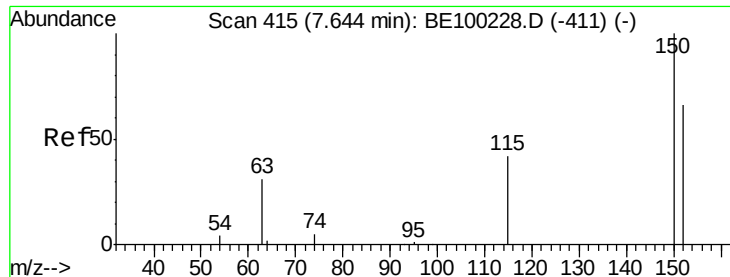
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100275.D
Acq On : 1 Jul 2019 20:54
Operator : JU/SJ
Sample : K3428-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Quant Time: Jul 02 02:22:46 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: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

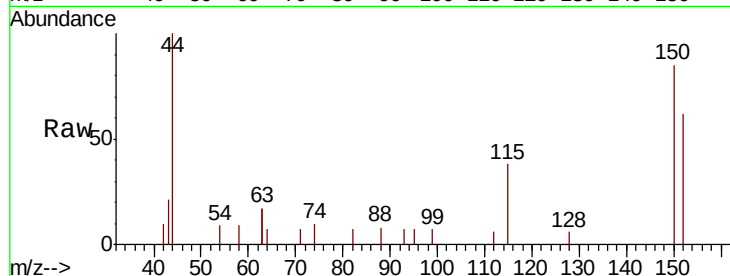
Tgt Ion: 152 Resp: 887

Ion Ratio Lower Upper

152 100

150 136.7 114.5 171.7

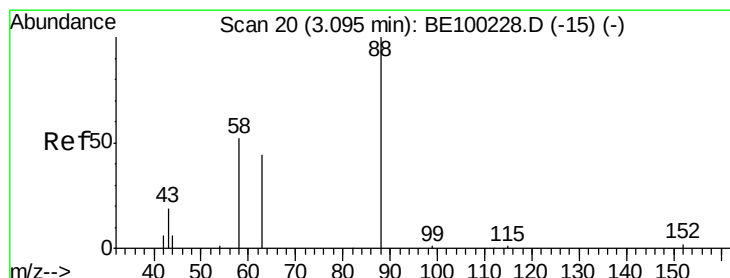
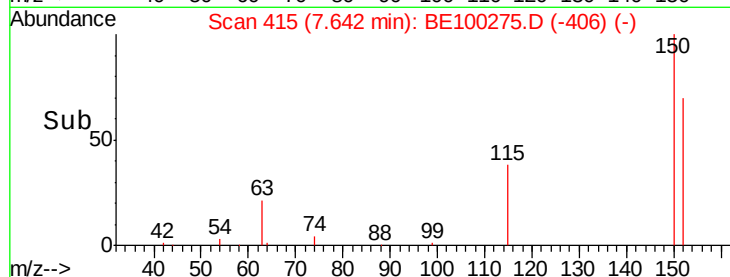
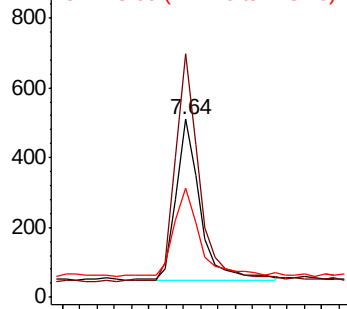
115 61.4 57.1 85.7



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: 0.004 ng

RT: 3.14 min Scan# 24

Delta R.T. 0.04 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

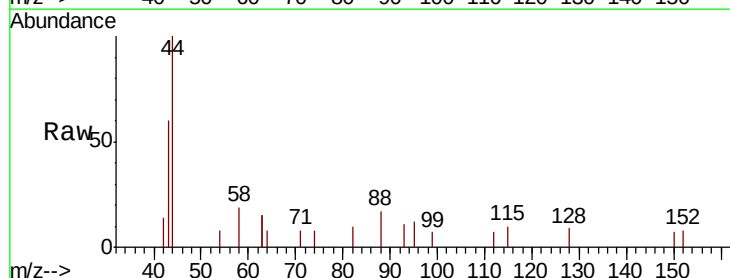
Tgt Ion: 88 Resp: 5

Ion Ratio Lower Upper

88 100

58 160.0 43.6 65.4#

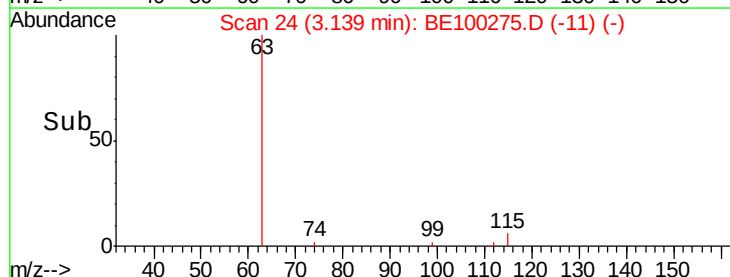
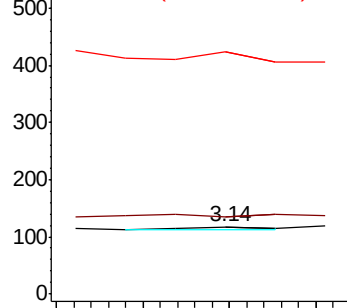
43 0.0 21.4 32.0#

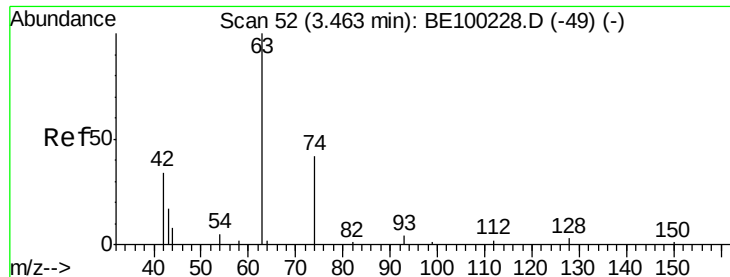


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.069 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

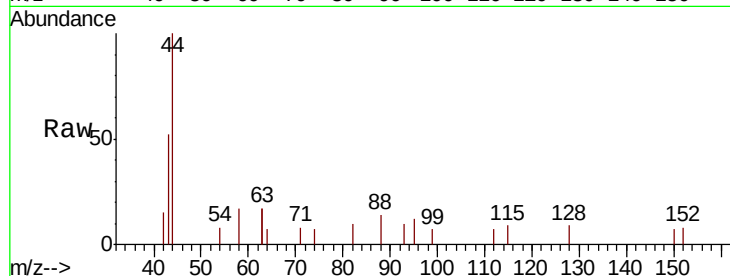
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

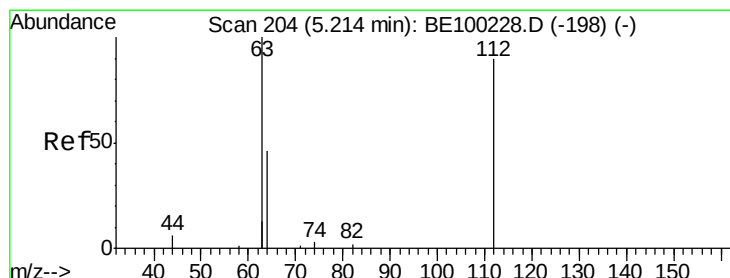
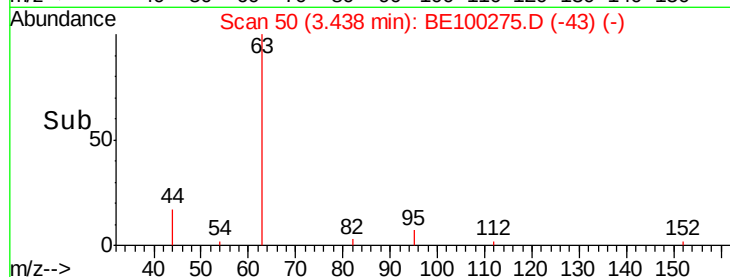
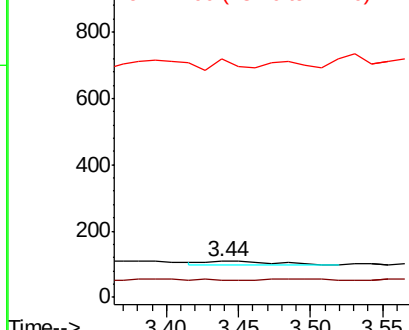
42 100

74 0.0 130.6 196.0#

44 77.3 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: 0.141 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

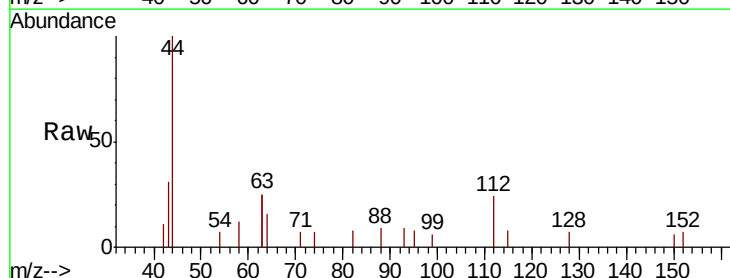
Tgt Ion: 112 Resp: 318

Ion Ratio Lower Upper

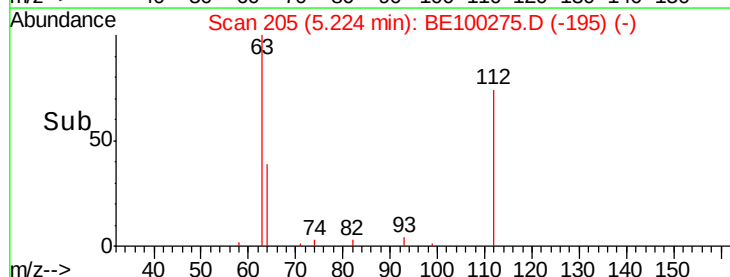
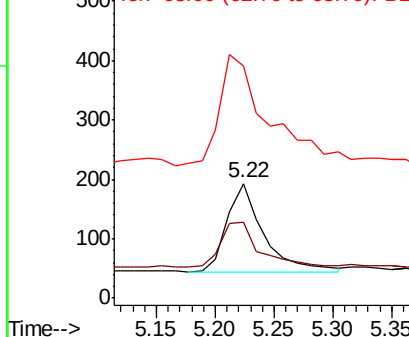
112 100

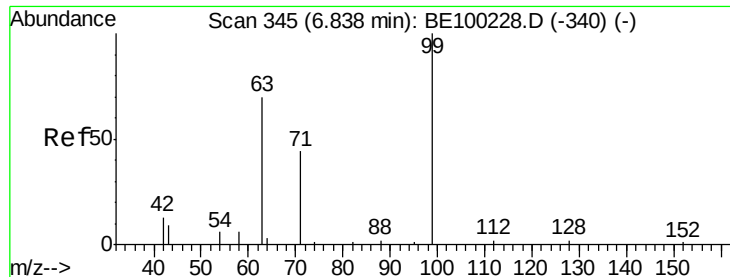
64 55.3 39.4 59.0

63 188.1 104.5 156.7#



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: 0.156 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

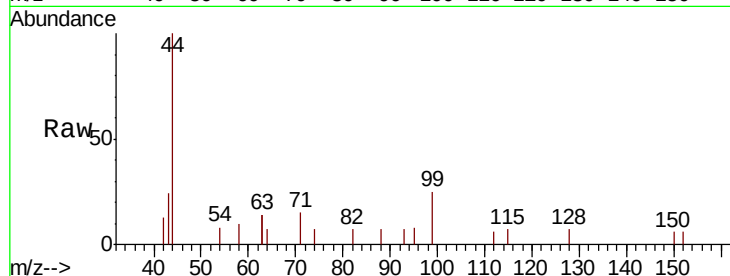
Tgt Ion: 99 Resp: 464

Ion Ratio Lower Upper

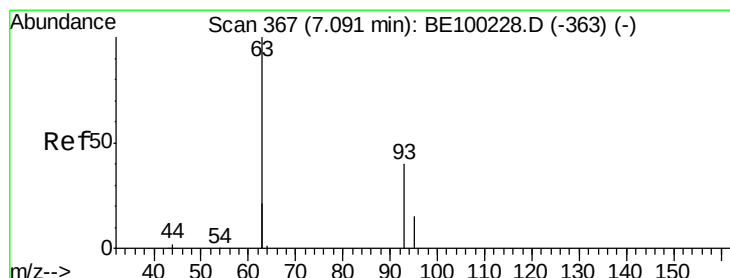
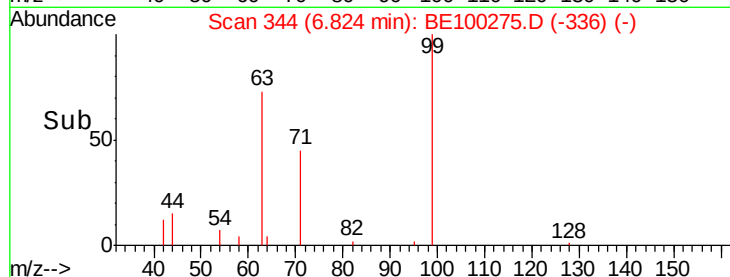
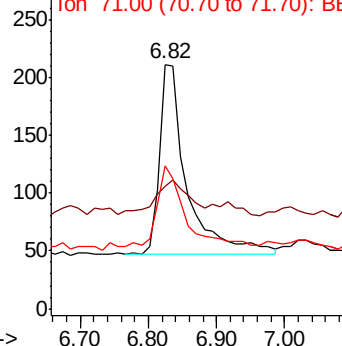
99 100

42 22.2 11.2 16.8#

71 42.2 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



#6

bis(2-Chloroethyl)ether

Concen: 0.009 ng

RT: 7.10 min Scan# 368

Delta R.T. 0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

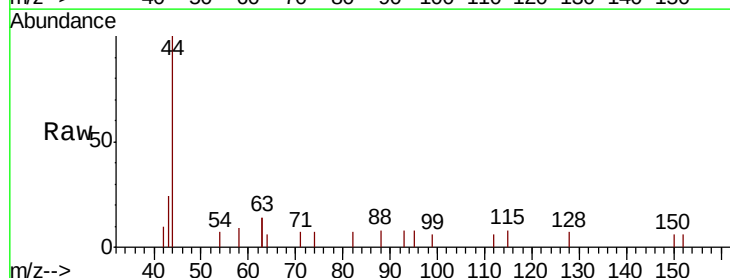
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

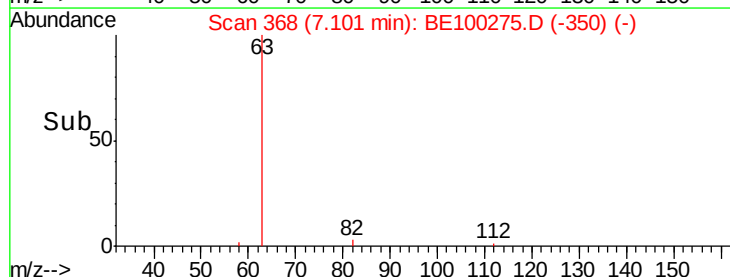
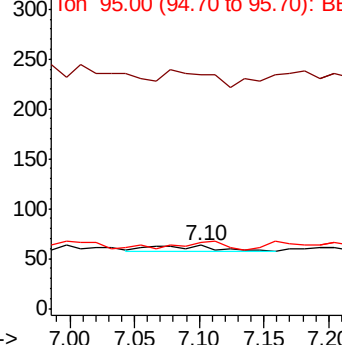
93 100

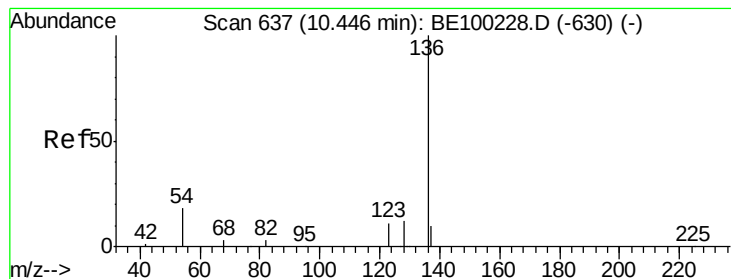
63 0.0 155.6 233.4#

95 85.7 23.0 34.4#



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

Tgt Ion: 136 Resp: 3140

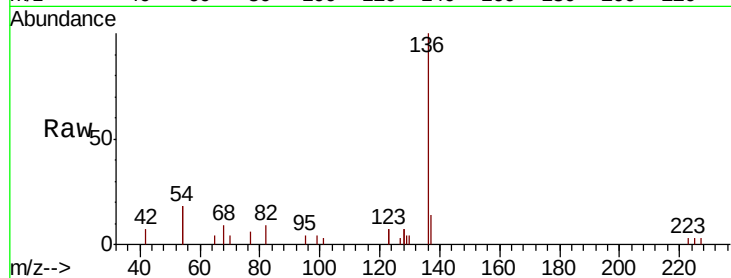
Ion Ratio Lower Upper

136 100

137 13.5 11.8 17.8

54 36.4 27.7 41.5

68 8.7 6.8 10.2

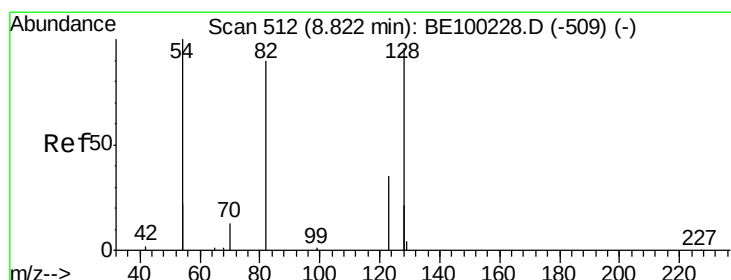
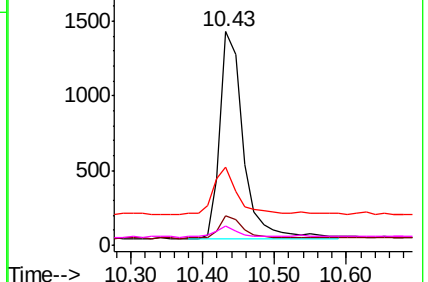
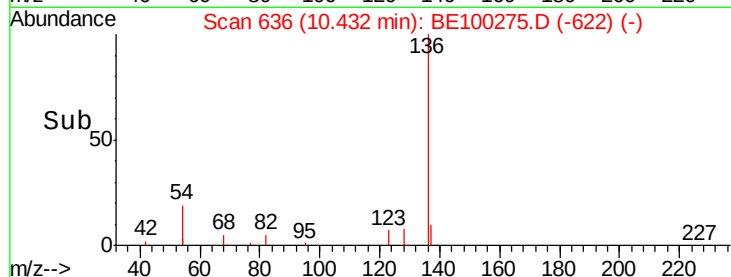


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.147 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

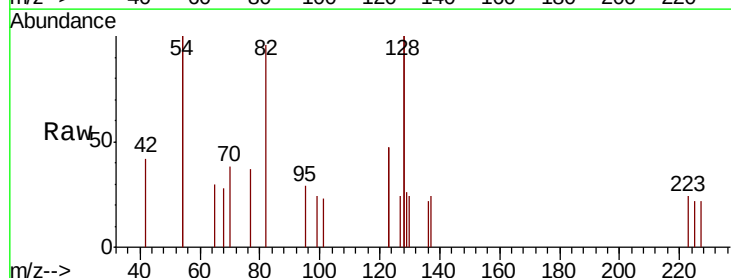
Tgt Ion: 82 Resp: 459

Ion Ratio Lower Upper

82 100

128 207.1 140.9 211.3

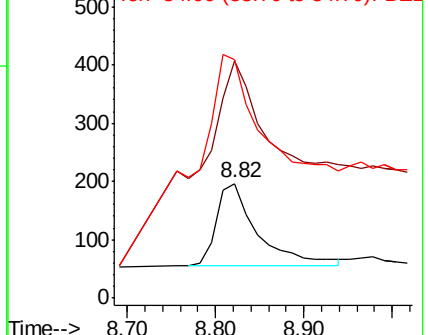
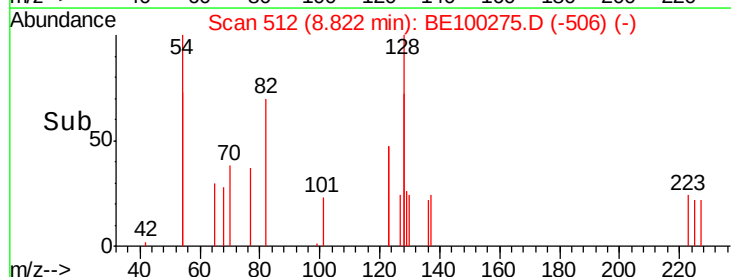
54 208.1 146.2 219.2

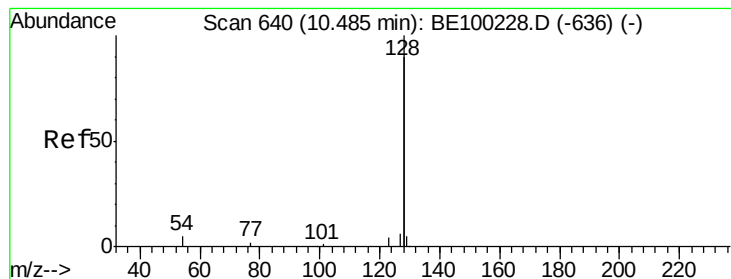


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.134 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

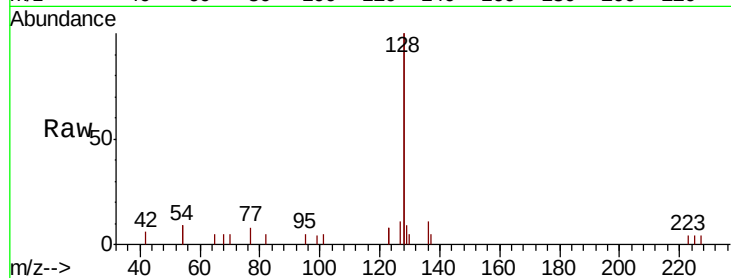
Tgt Ion:128 Resp: 4628

Ion Ratio Lower Upper

128 100

129 4.7 3.0 4.6#

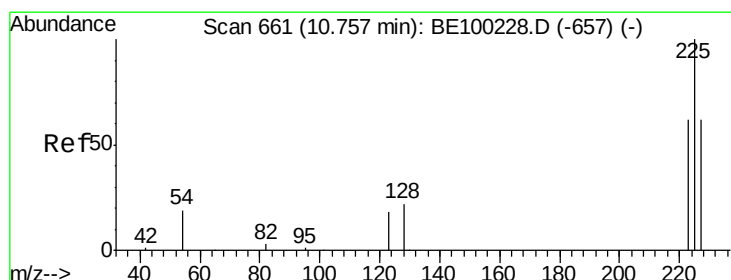
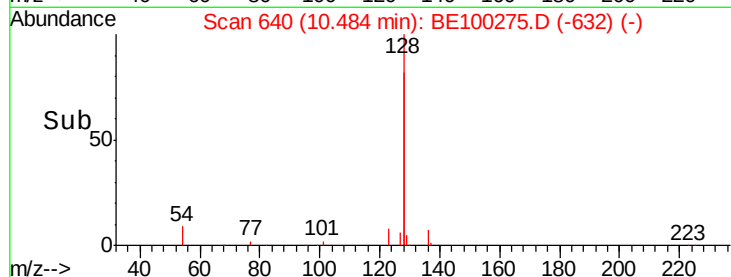
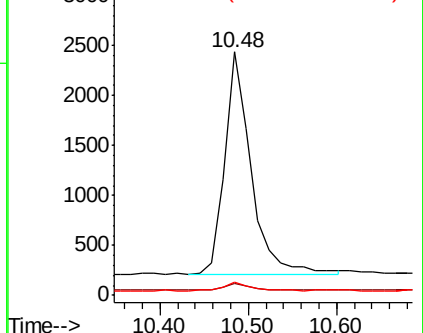
127 5.3 3.5 5.3



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

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

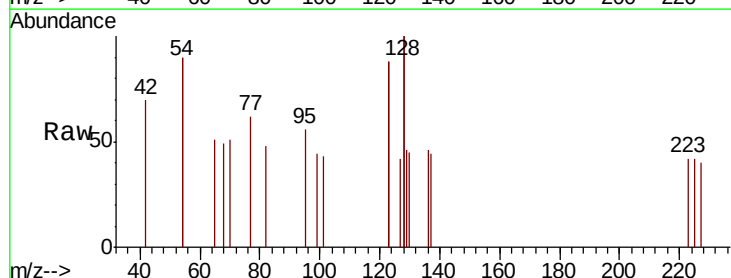
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

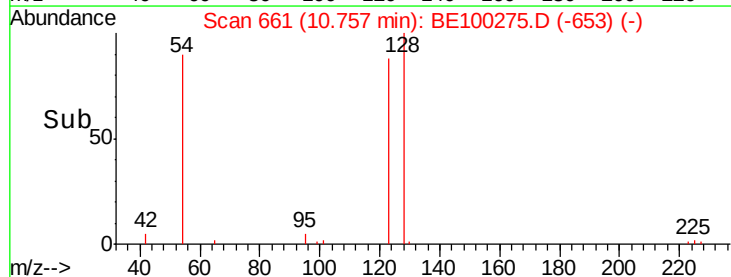
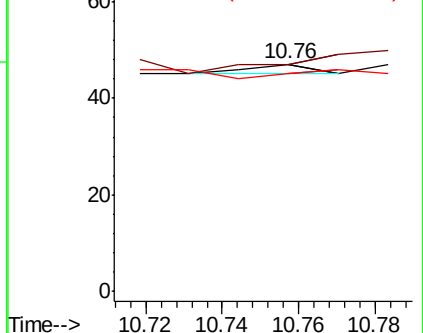
227 0.0 49.3 73.9#

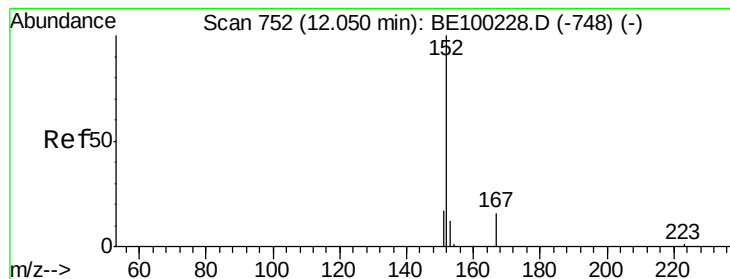


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.175 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

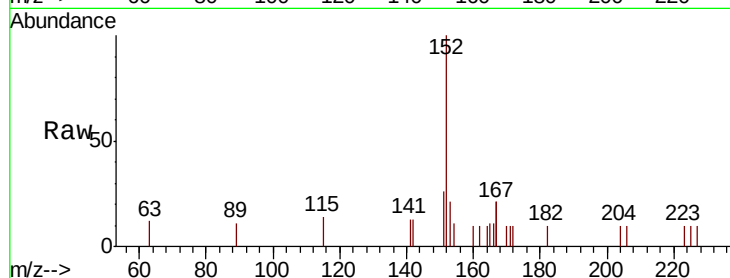
EXT-013-SW161-061319DL

Tgt Ion:152 Resp: 1033

Ion Ratio Lower Upper

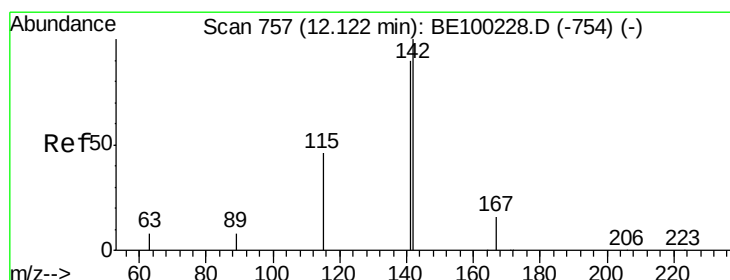
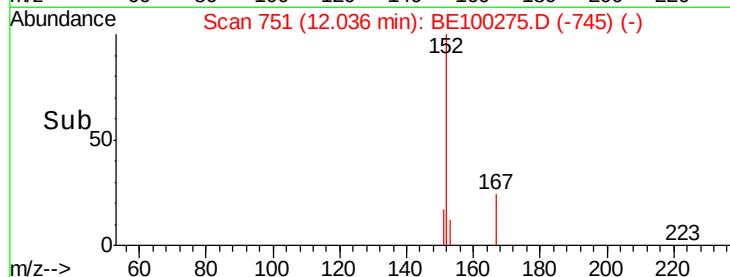
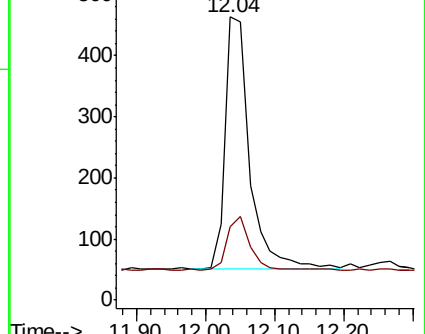
152 100

151 21.7 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: 0.186 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

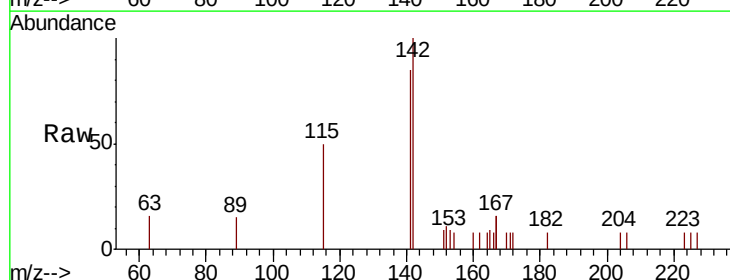
Tgt Ion:142 Resp: 1130

Ion Ratio Lower Upper

142 100

141 85.1 72.4 108.6

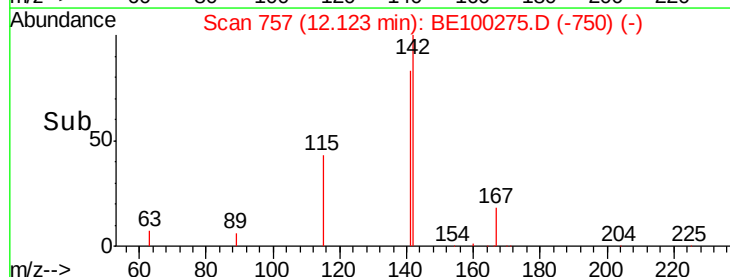
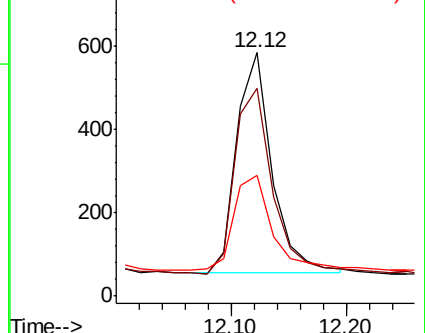
115 49.7 40.4 60.6

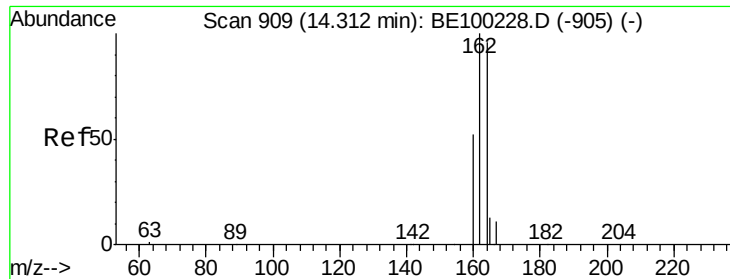


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

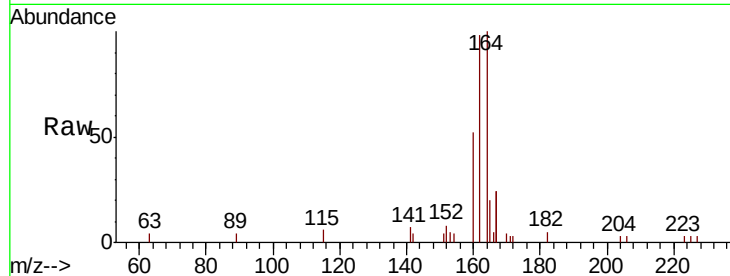




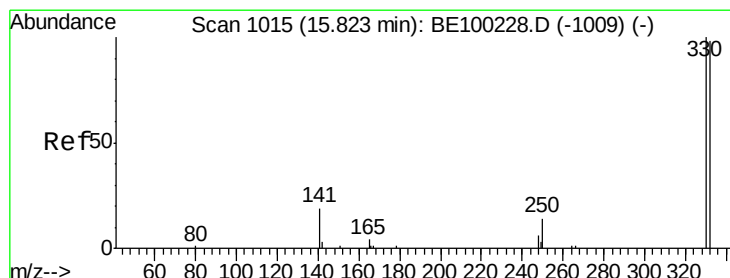
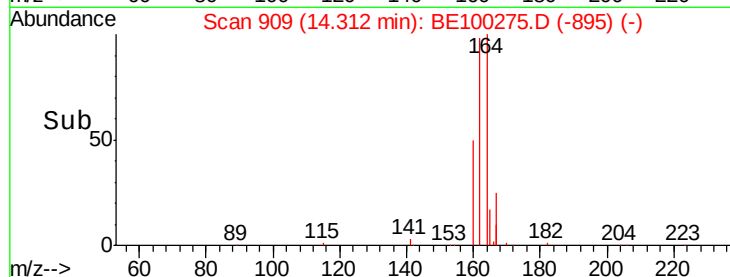
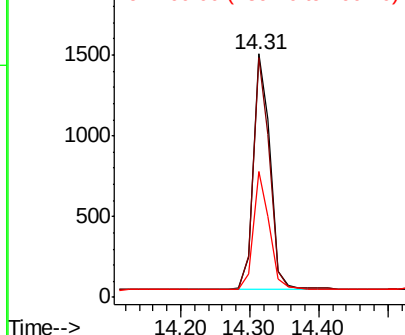
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

Tgt Ion:164 Resp: 2506
Ion Ratio Lower Upper
164 100
162 98.4 83.4 125.0
160 51.9 45.0 67.6

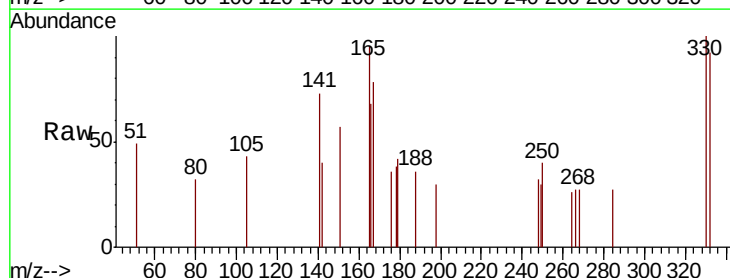


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

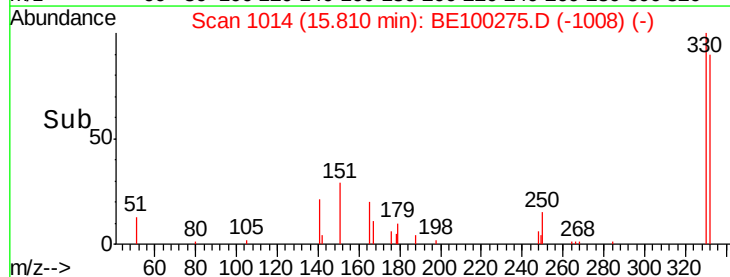
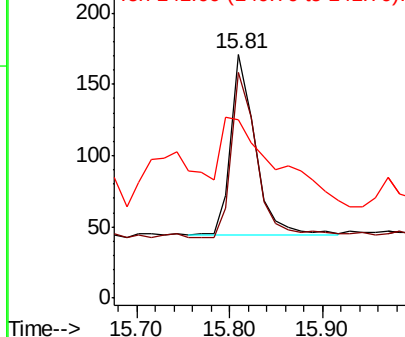


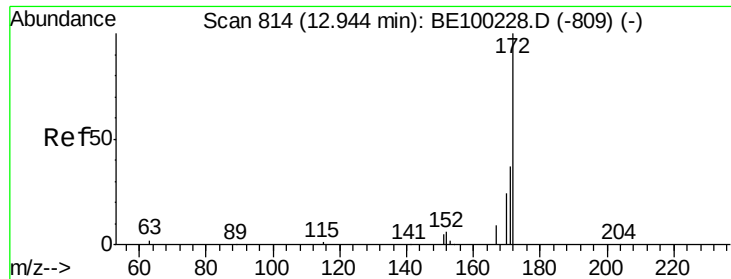
#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:330 Resp: 233
Ion Ratio Lower Upper
330 100
332 93.6 77.0 115.4
141 109.9 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

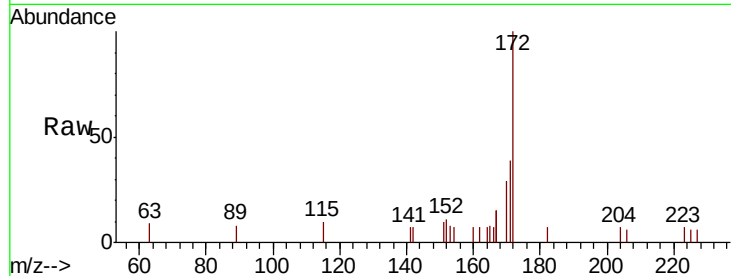




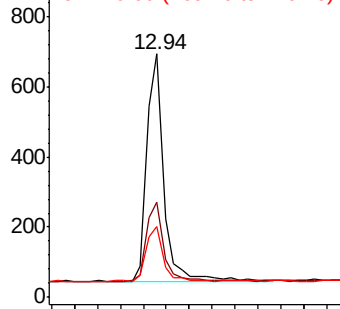
#15
2-Fluorobiphenyl
Concen: 0.138 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

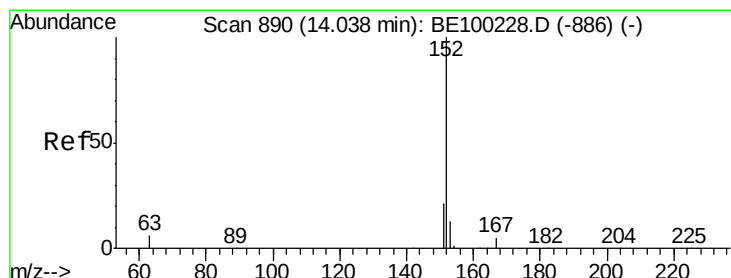
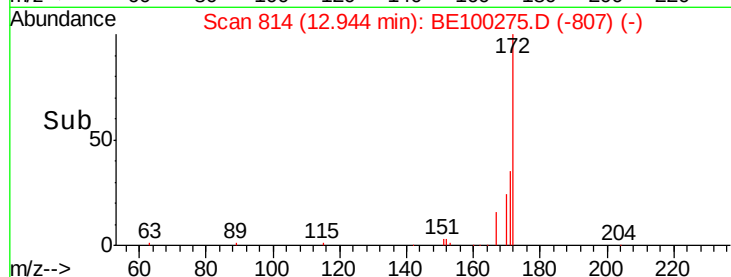
Tgt Ion:172 Resp: 1351
Ion Ratio Lower Upper
172 100
171 38.9 31.9 47.9
170 28.8 22.2 33.2



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

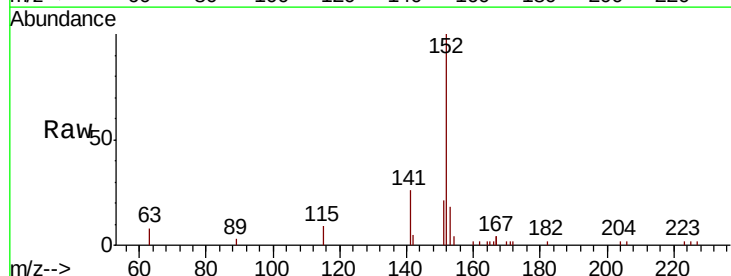


Time--> 12.80 13.00 13.20

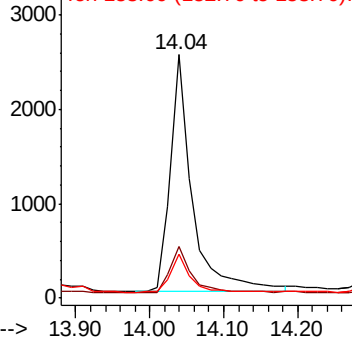


#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

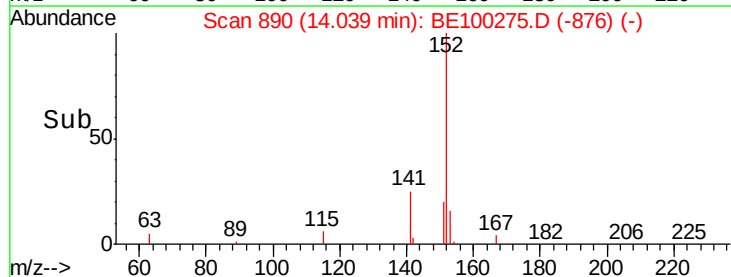
Tgt Ion:152 Resp: 5244
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 14.9 10.5 15.7

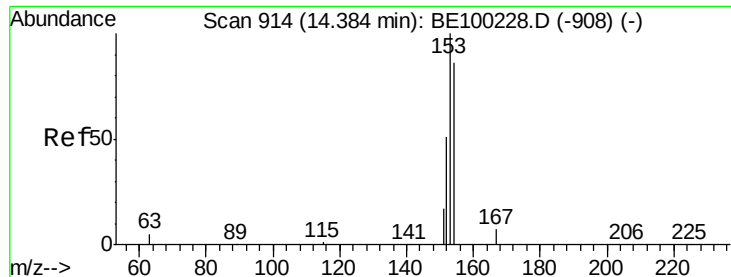


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 13.90 14.00 14.10 14.20





#17

Acenaphthene

Concen: 0.111 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

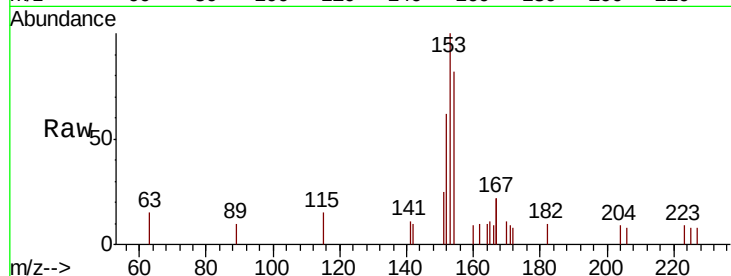
Tgt Ion:154 Resp: 755

Ion Ratio Lower Upper

154 100

153 123.3 93.4 140.2

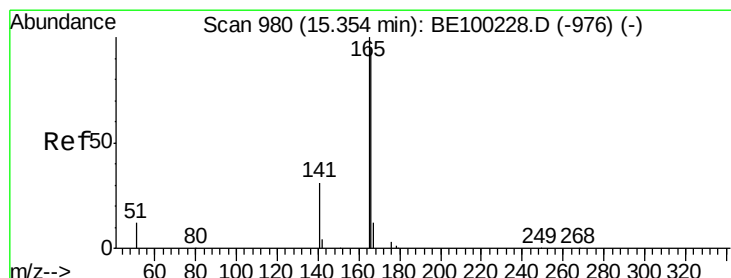
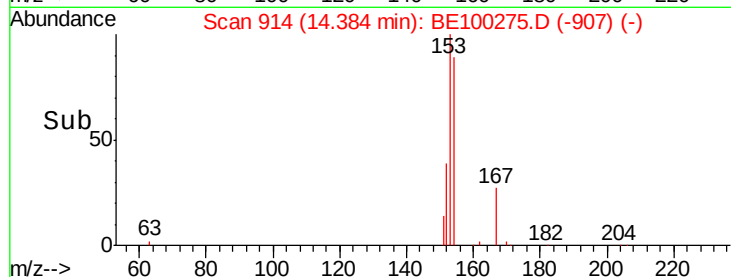
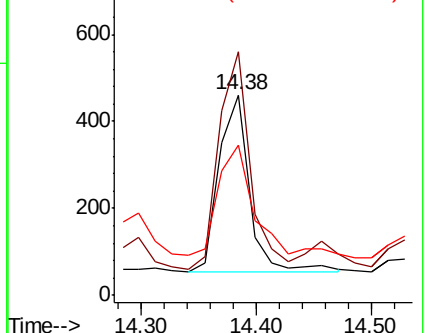
152 73.1 49.4 74.2



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: 0.292 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

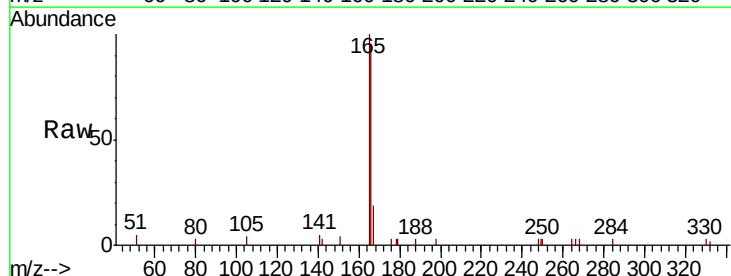
Tgt Ion:166 Resp: 2940

Ion Ratio Lower Upper

166 100

165 111.5 81.1 121.7

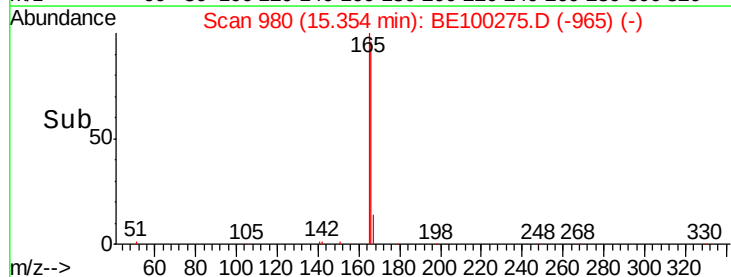
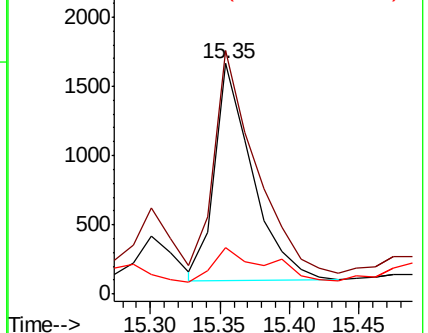
167 23.7 10.7 16.1#

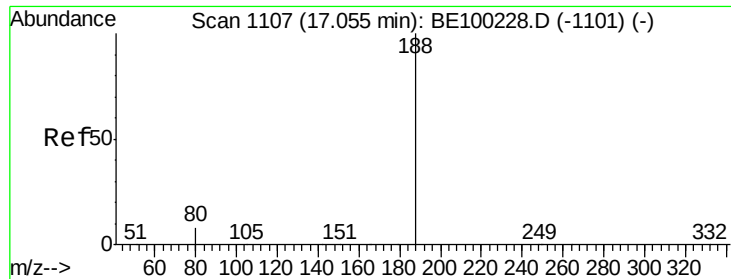


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

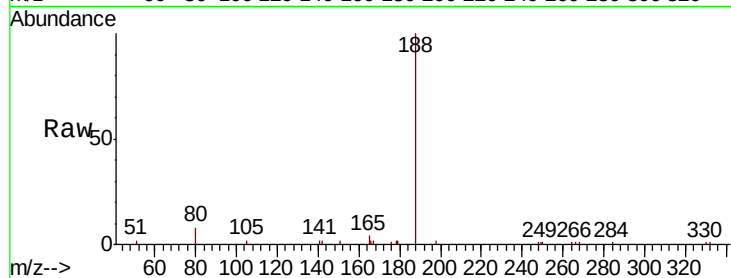
Tgt Ion:188 Resp: 6791

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

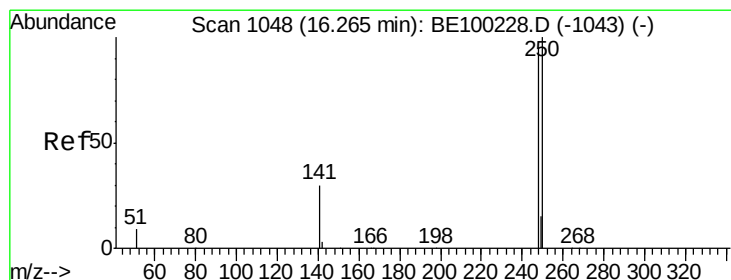
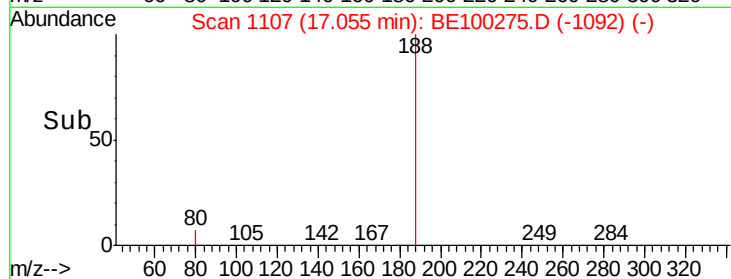
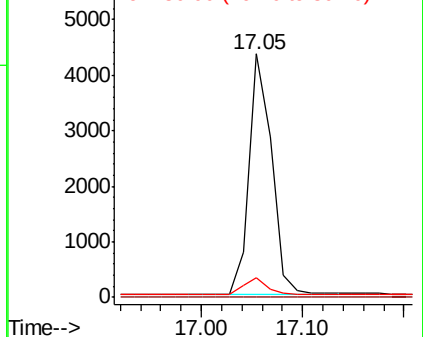
80 8.0 7.6 11.4



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



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

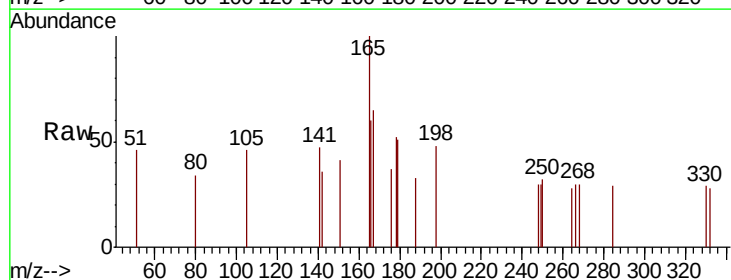
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 104.2 84.2 126.4

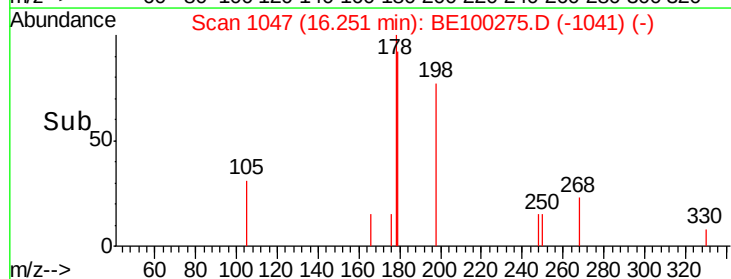
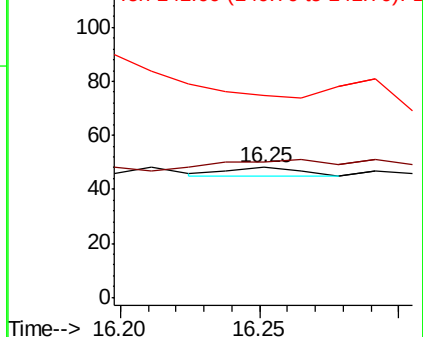
141 156.3 29.3 43.9#

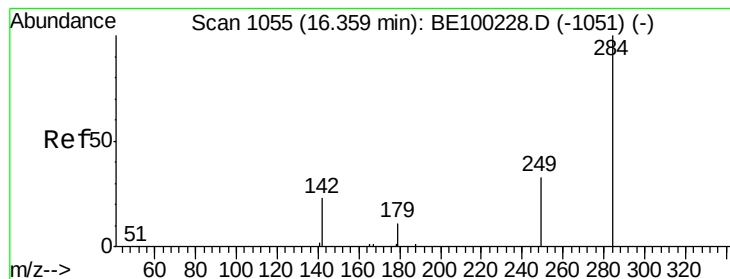


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

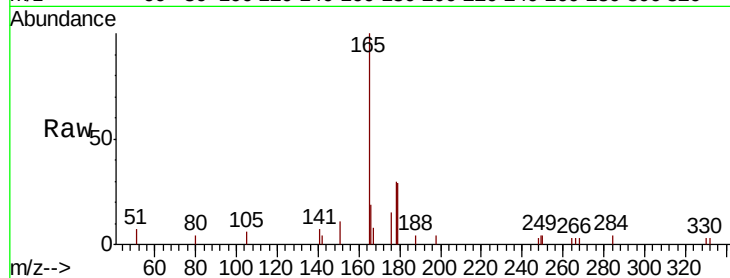
Tgt Ion:284 Resp: 13

Ion Ratio Lower Upper

284 100

142 192.3 18.8 28.2#

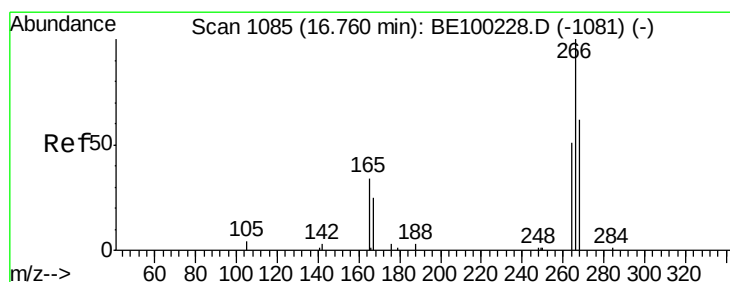
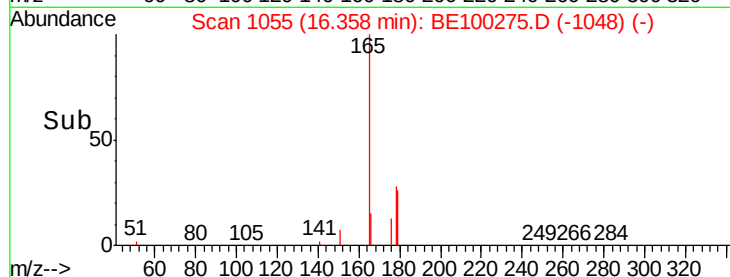
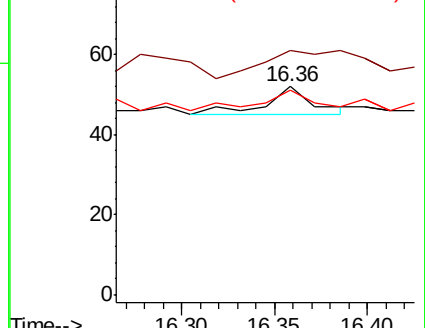
249 76.9 23.7 35.5#



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: 0.010 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

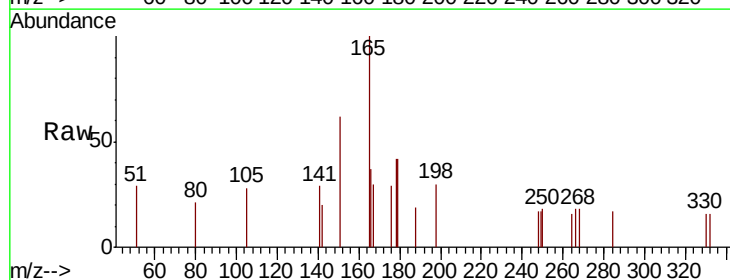
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 91.8 56.2 84.2#

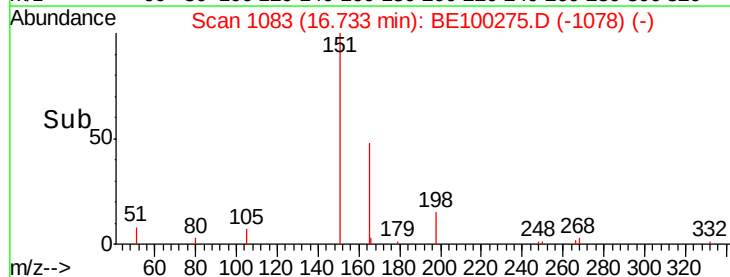
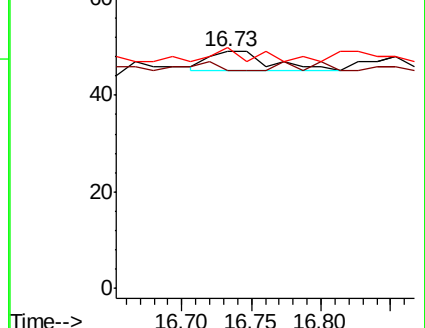
268 102.0 61.8 92.6#

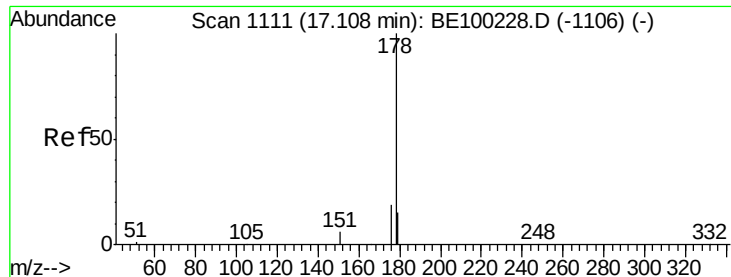


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

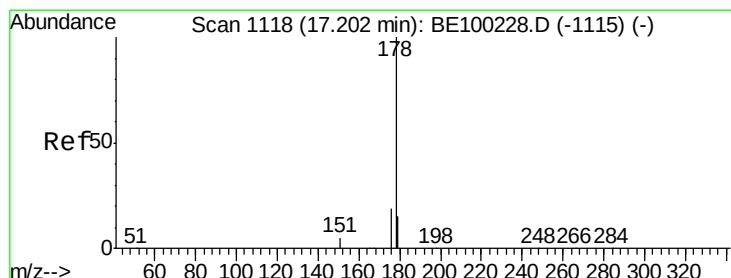
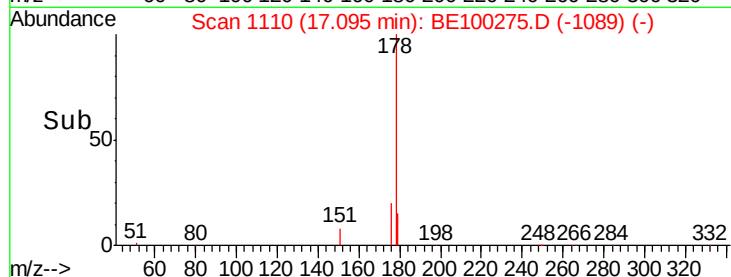
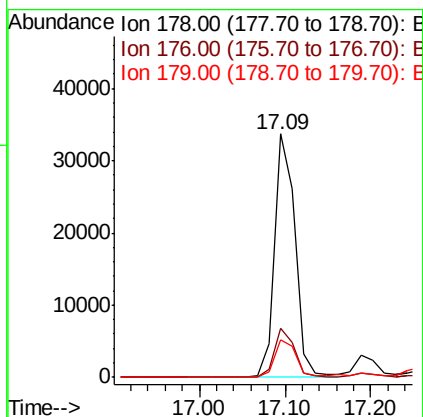
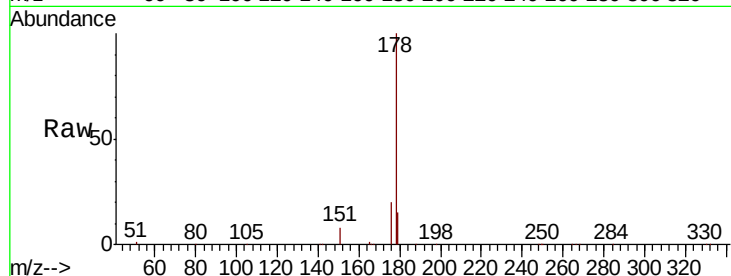




#23
Phenanthrene
Concen: 3.356 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

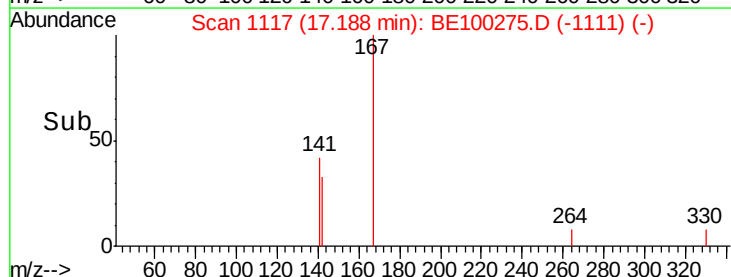
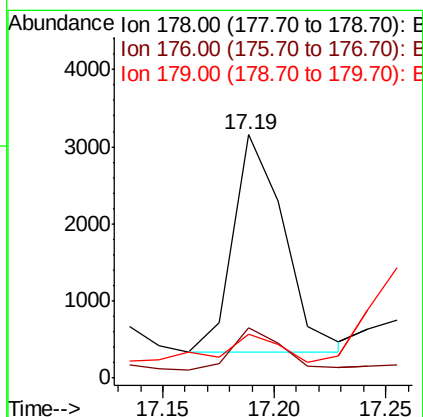
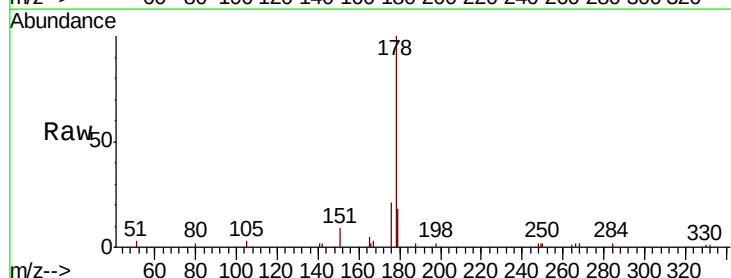
Instrument :
BNA_M
ClientSampleId :
EXT-013-SW161-061319DL

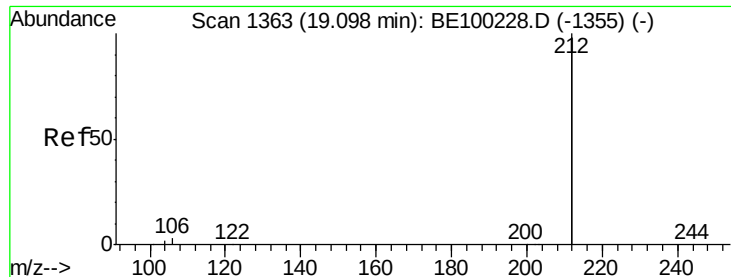
Tgt Ion:178 Resp: 55245
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.7 12.2 18.2



#24
Anthracene
Concen: 0.304 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100275.D
Acq: 1 Jul 2019 20:54

Tgt Ion:178 Resp: 4505
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 14.5 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.155 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

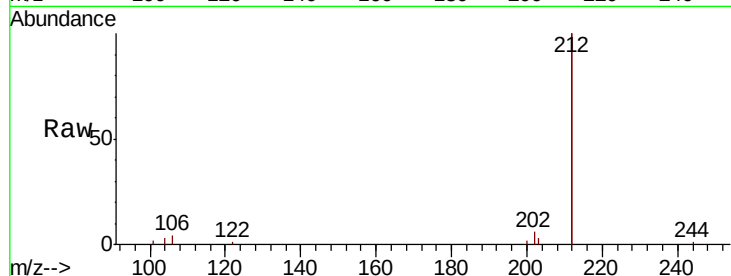
Tgt Ion:212 Resp: 15288

Ion Ratio Lower Upper

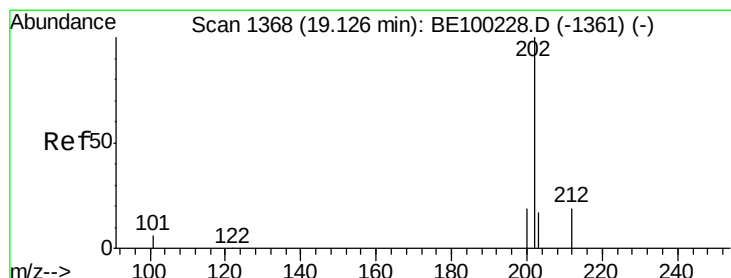
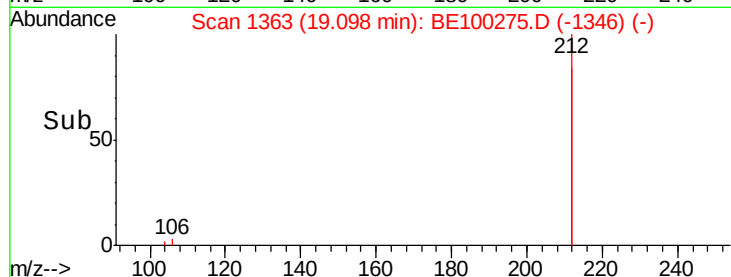
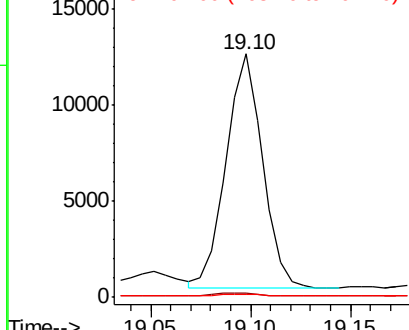
212 100

106 1.6 1.3 1.9

104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.106 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

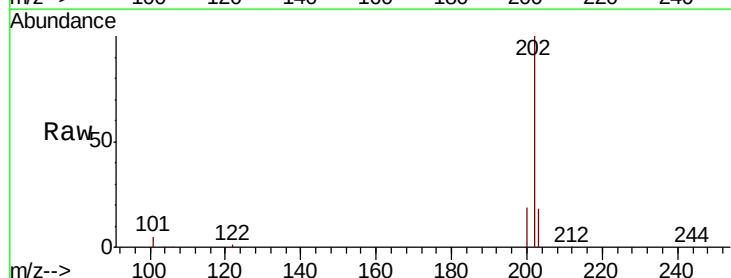
Tgt Ion:202 Resp: 81431

Ion Ratio Lower Upper

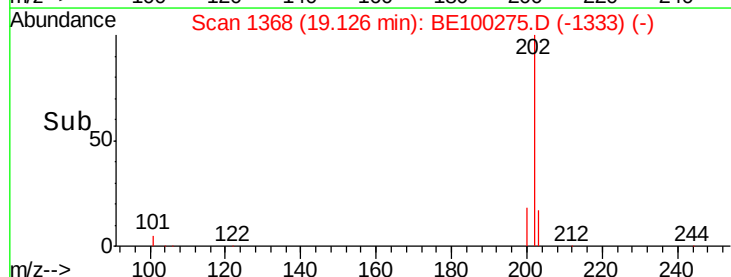
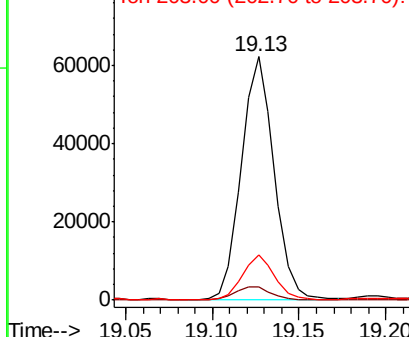
202 100

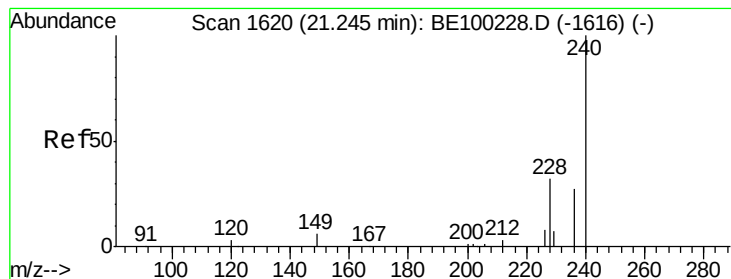
101 5.7 4.6 7.0

203 17.9 13.7 20.5



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: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

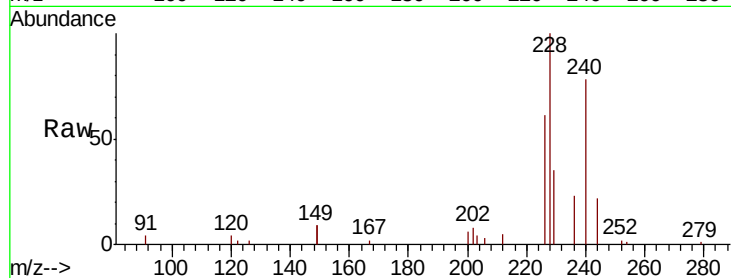
Tgt Ion:240 Resp: 9028

Ion Ratio Lower Upper

240 100

120 5.0 3.3 4.9#

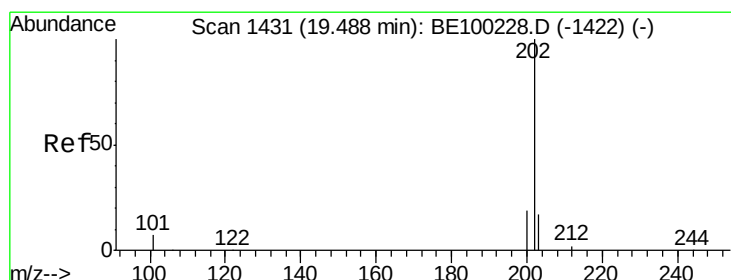
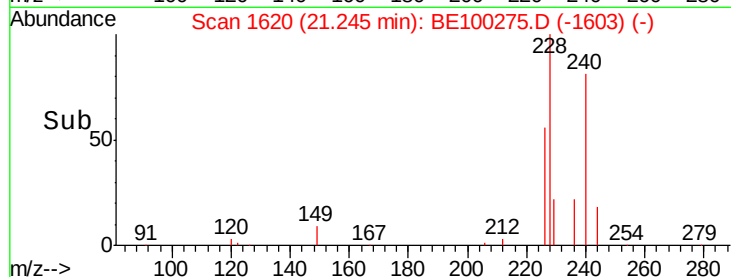
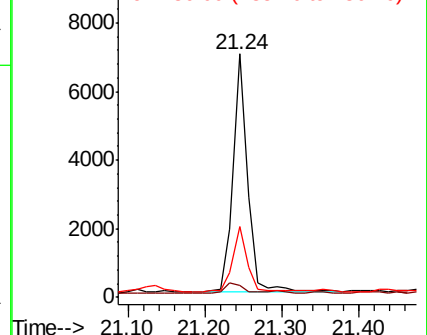
236 29.1 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 4.348 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

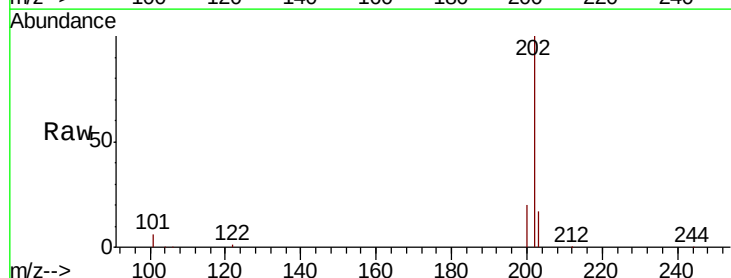
Tgt Ion:202 Resp: 103919

Ion Ratio Lower Upper

202 100

200 19.6 15.6 23.4

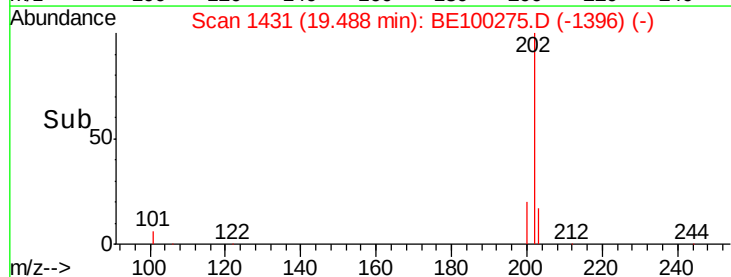
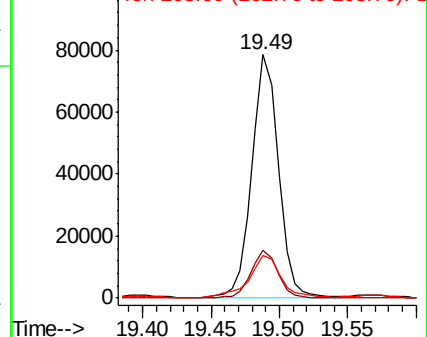
203 20.5 14.0 21.0

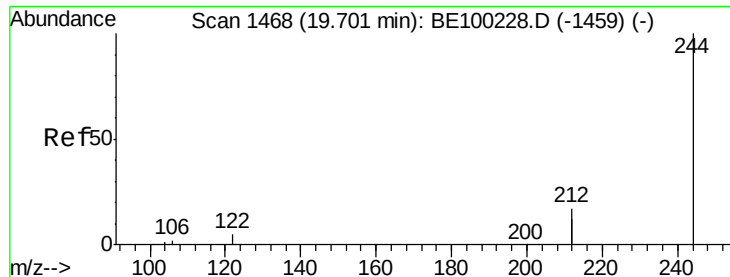


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.163 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

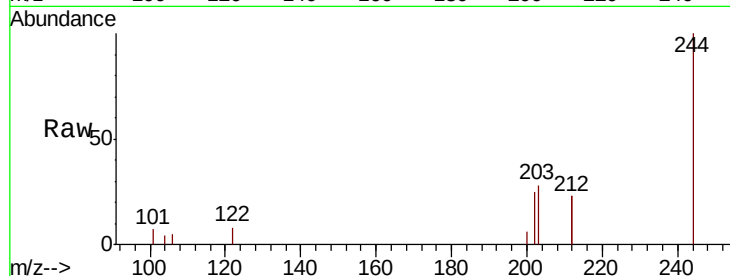
Tgt Ion:244 Resp: 3058

Ion Ratio Lower Upper

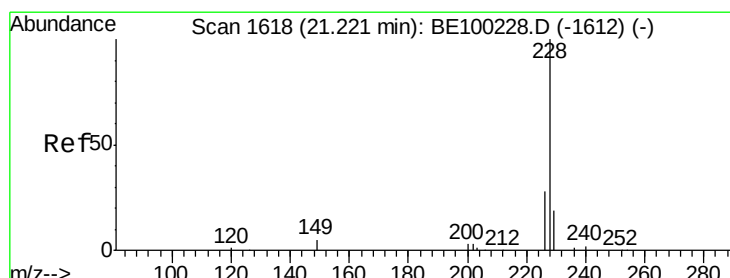
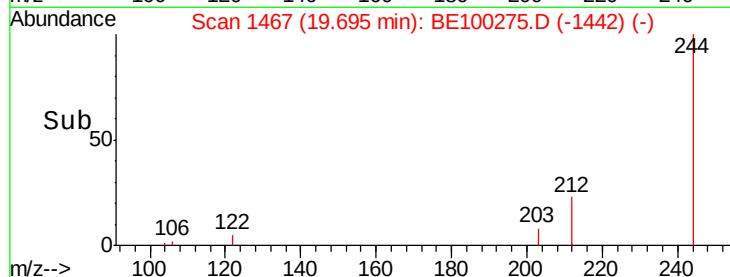
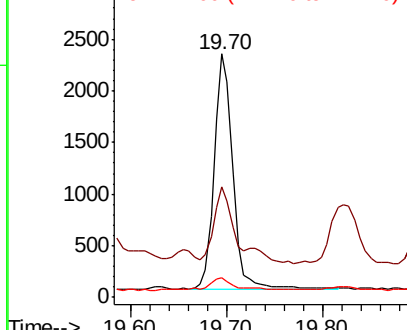
244 100

212 45.1 27.3 40.9#

122 8.1 4.7 7.1#



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: 2.249 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

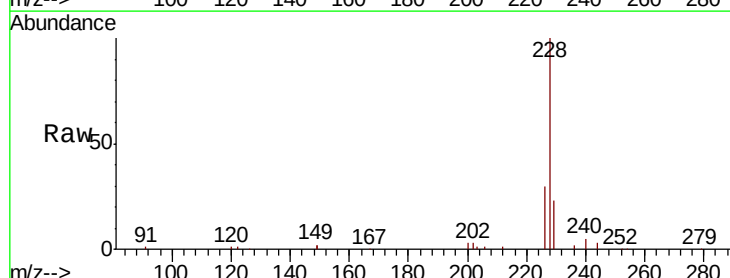
Tgt Ion:228 Resp: 66768

Ion Ratio Lower Upper

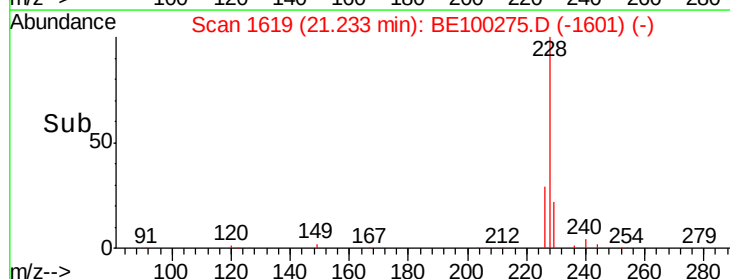
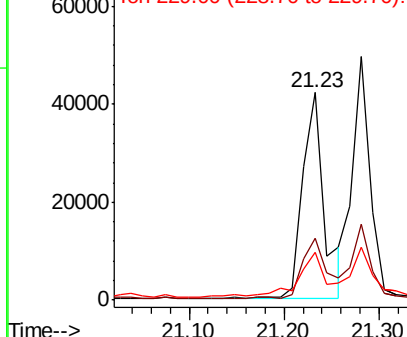
228 100

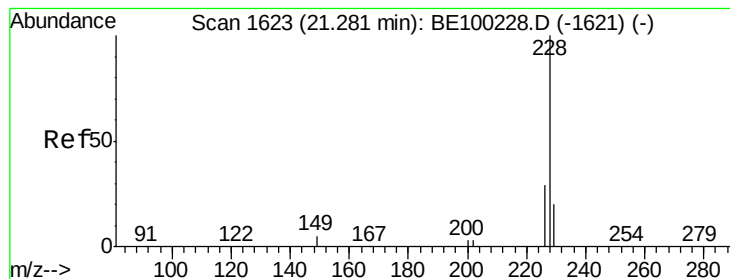
226 30.1 23.2 34.8

229 23.3 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: 2.122 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

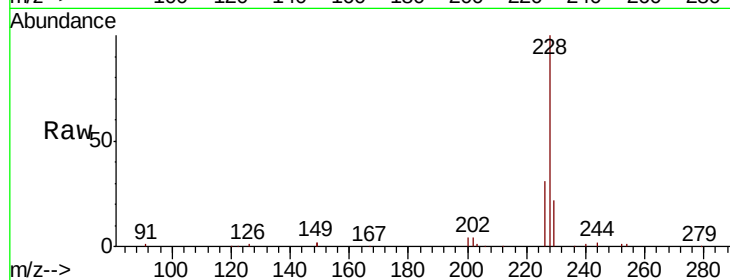
Tgt Ion:228 Resp: 63252

Ion Ratio Lower Upper

228 100

226 31.2 23.9 35.9

229 21.9 16.5 24.7

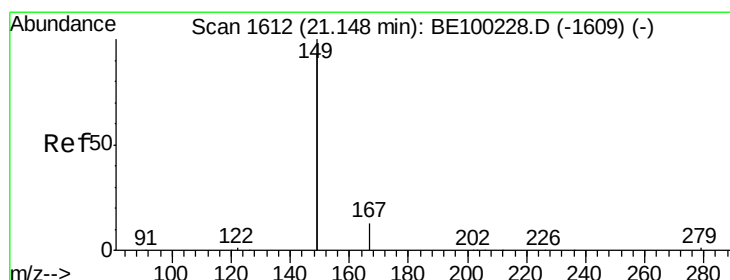
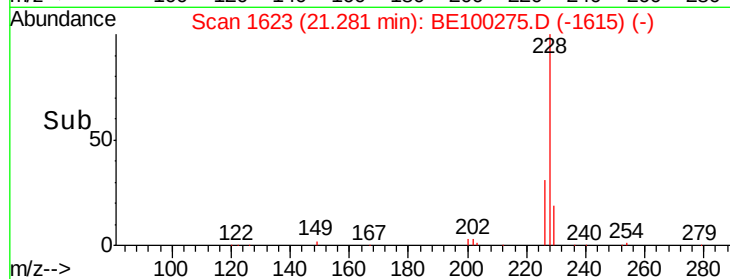
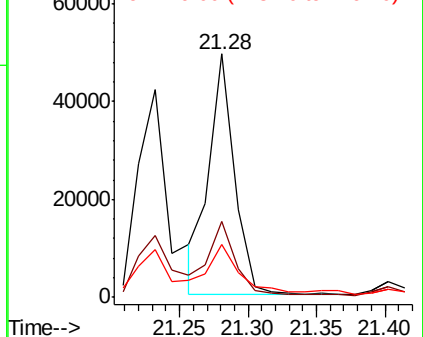


Abundance

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: 0.368 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

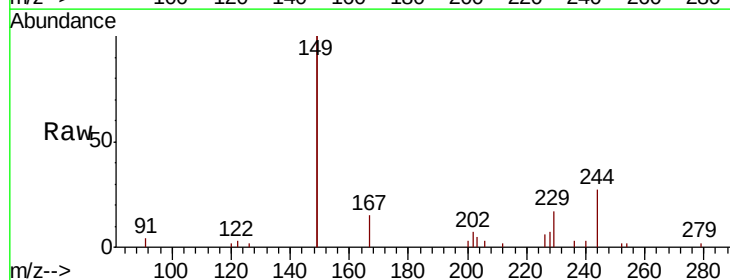
Tgt Ion:149 Resp: 17857

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.8

279 1.4 1.1 1.7

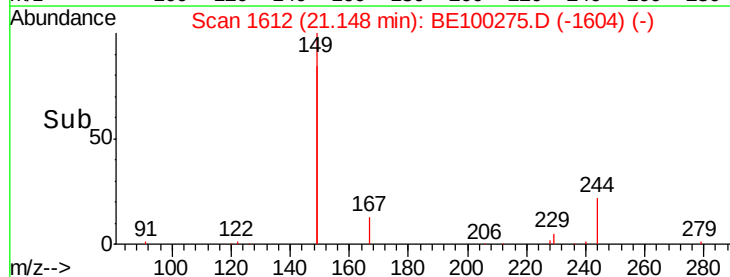
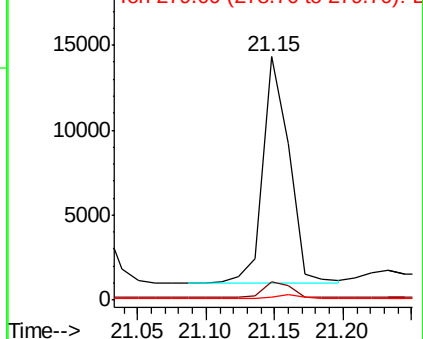


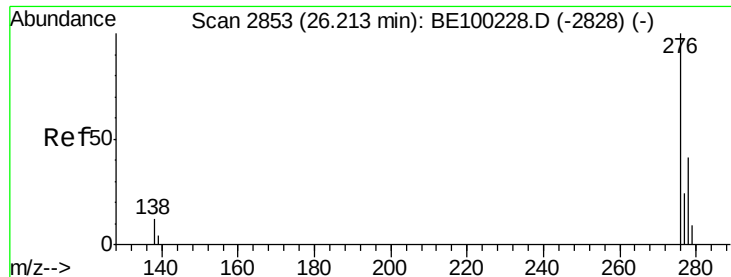
Abundance

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: 0.890 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

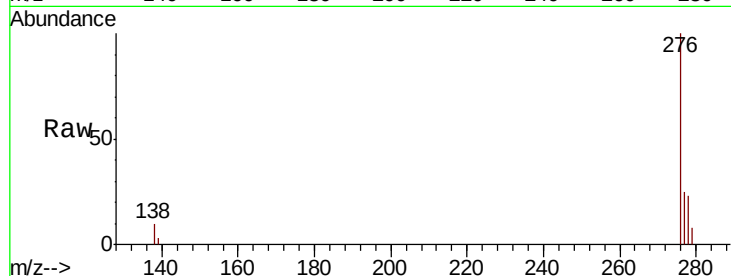
Tgt Ion:276 Resp: 35104

Ion Ratio Lower Upper

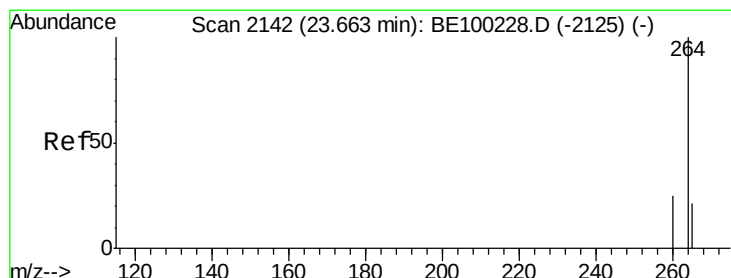
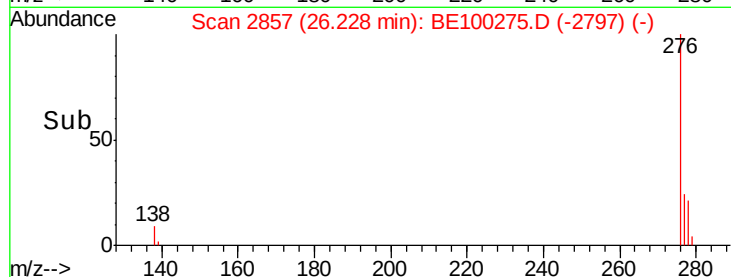
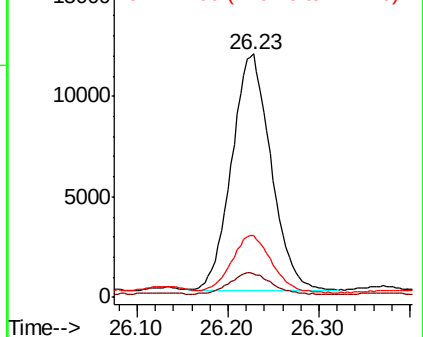
276 100

138 9.5 9.4 14.0

277 24.9 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: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

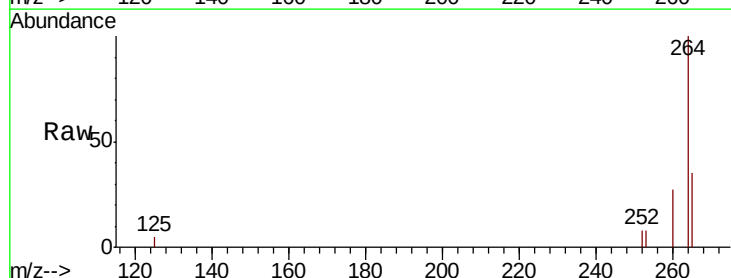
Tgt Ion:264 Resp: 10322

Ion Ratio Lower Upper

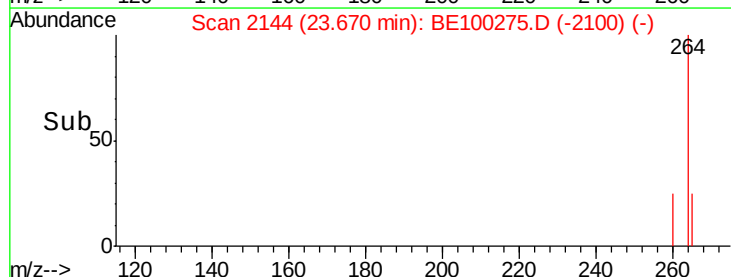
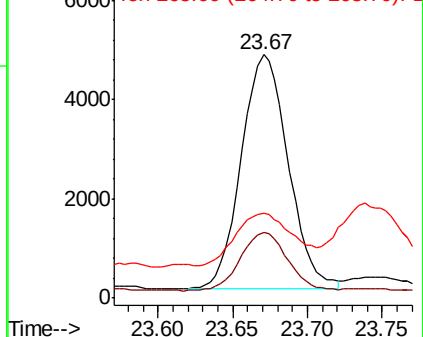
264 100

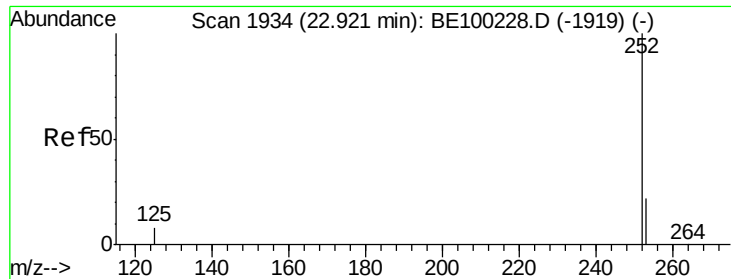
260 27.1 20.8 31.2

265 34.7 21.8 32.6#



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: 2.315 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

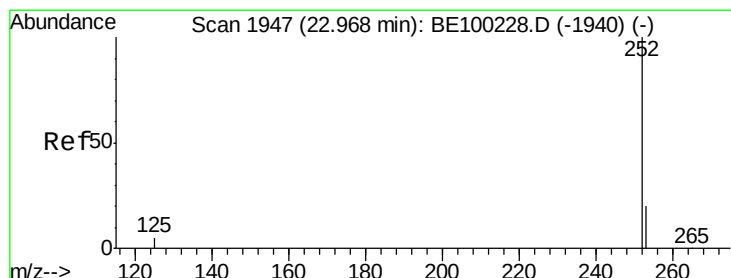
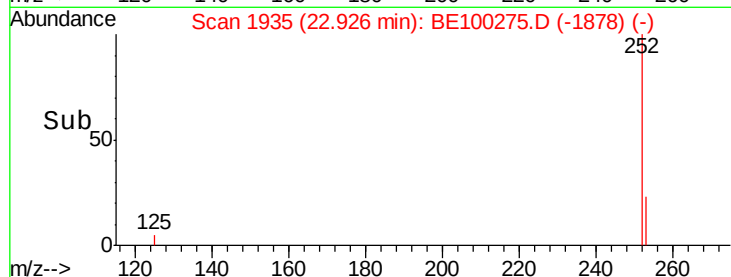
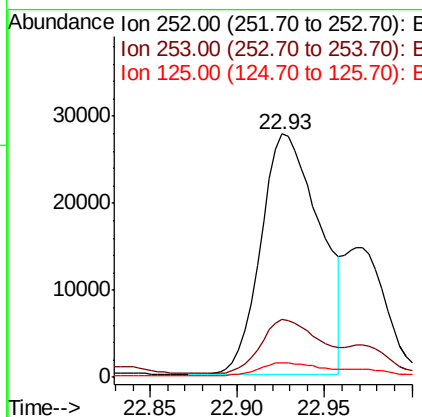
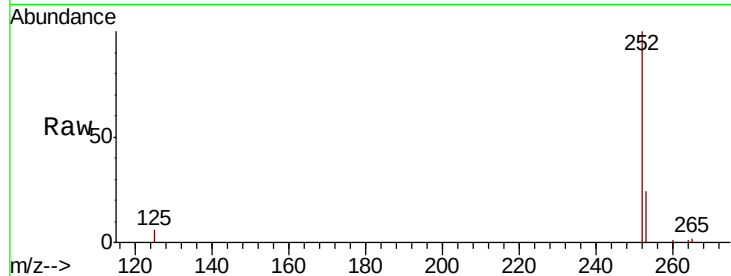
Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

Tgt Ion:	252	Resp:	64799
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	5.9	7.4	11.0#



#36

Benzo(k)fluoranthene

Concen: 2.074 ng

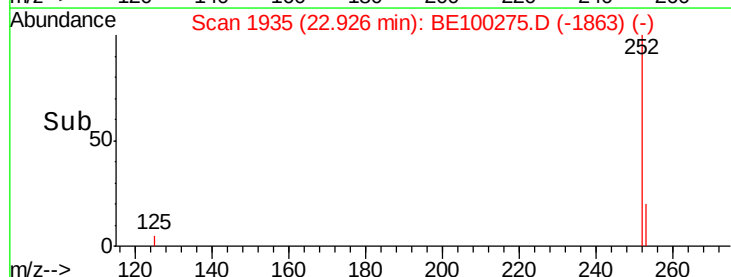
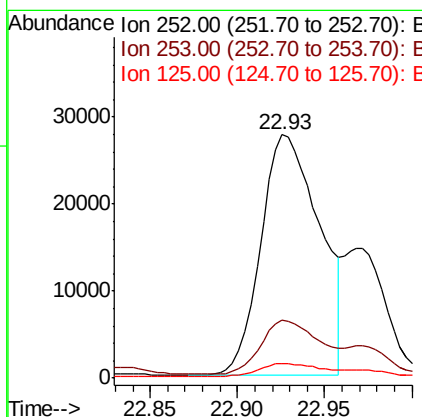
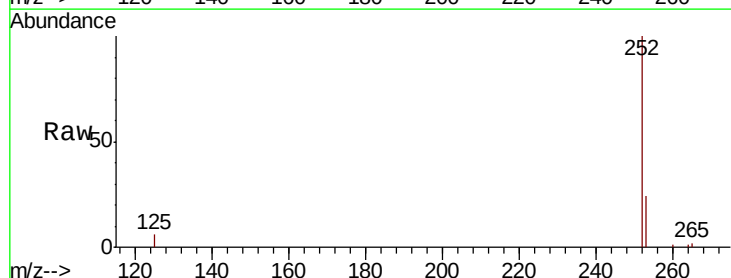
RT: 22.93 min Scan# 1935

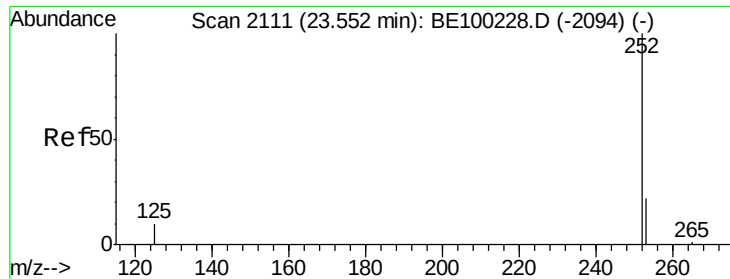
Delta R.T. -0.04 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Tgt Ion:	252	Resp:	64799
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	5.9	5.0	7.4





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.72 min Scan# 2159

Delta R.T. 0.17 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL

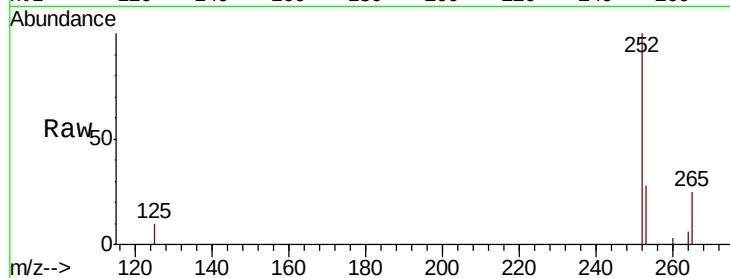
Tgt Ion:252 Resp: 10743

Ion Ratio Lower Upper

252 100

253 28.5 19.6 29.4

125 9.9 9.0 13.6

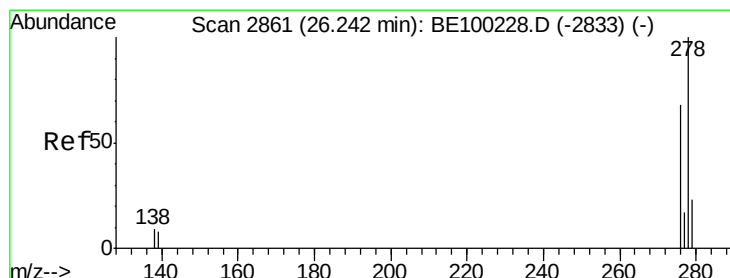
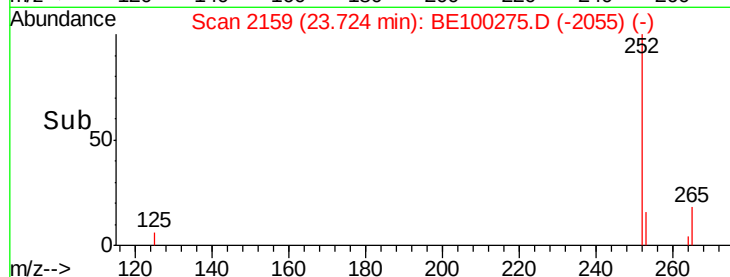
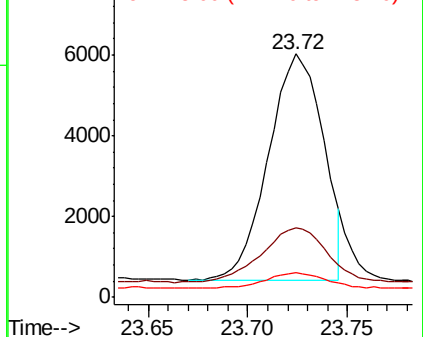


Abundance

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: 0.159 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100275.D

Acq: 1 Jul 2019 20:54

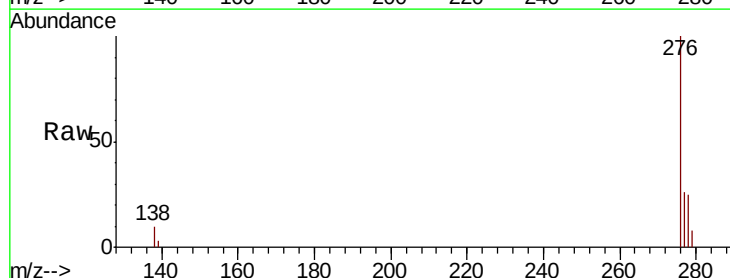
Tgt Ion:278 Resp: 4672

Ion Ratio Lower Upper

278 100

139 12.7 8.2 12.2#

279 34.6 20.3 30.5#

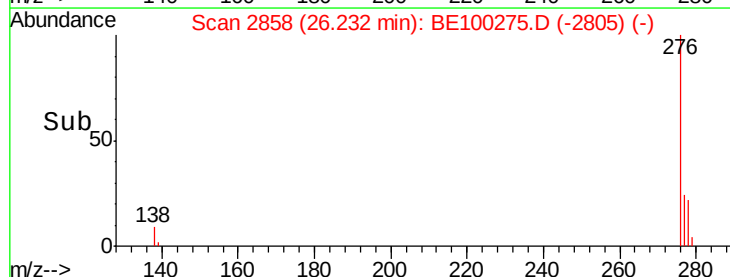
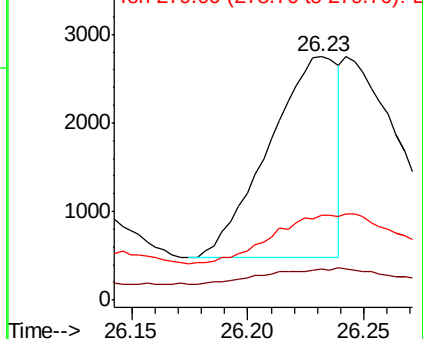


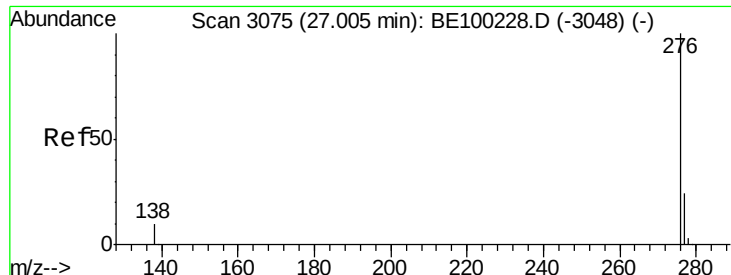
Abundance

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: 1.244 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100275.D

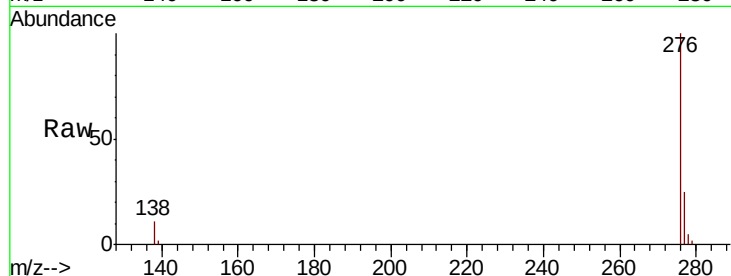
Acq: 1 Jul 2019 20:54

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW161-061319DL



Tgt Ion: 276 Resp: 37431

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.2

138 10.6 9.0 13.6

