

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100269.D
 Acq On : 1 Jul 2019 17:16
 Operator : JU/SJ
 Sample : K3428-06DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-013-SW160-061319DL

Quant Time: Jul 02 02:21:06 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	842	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2975	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2386	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6720	0.40	ng	0.00
27) Chrysene-d12	21.24	240	8889	0.40	ng	0.00
34) Perylene-d12	23.67	264	10046	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	352	0.16	ng	0.00
5) Phenol-d6	6.82	99	455	0.16	ng	-0.01
8) Nitrobenzene-d5	8.82	82	458	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	1026	0.18	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	265	0.16	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	1297	0.14	ng	0.00
25) Fluoranthene-d10	19.10	212	15609	0.16	ng	0.00
29) Terphenyl-d14	19.69	244	3532	0.19	ng	0.00

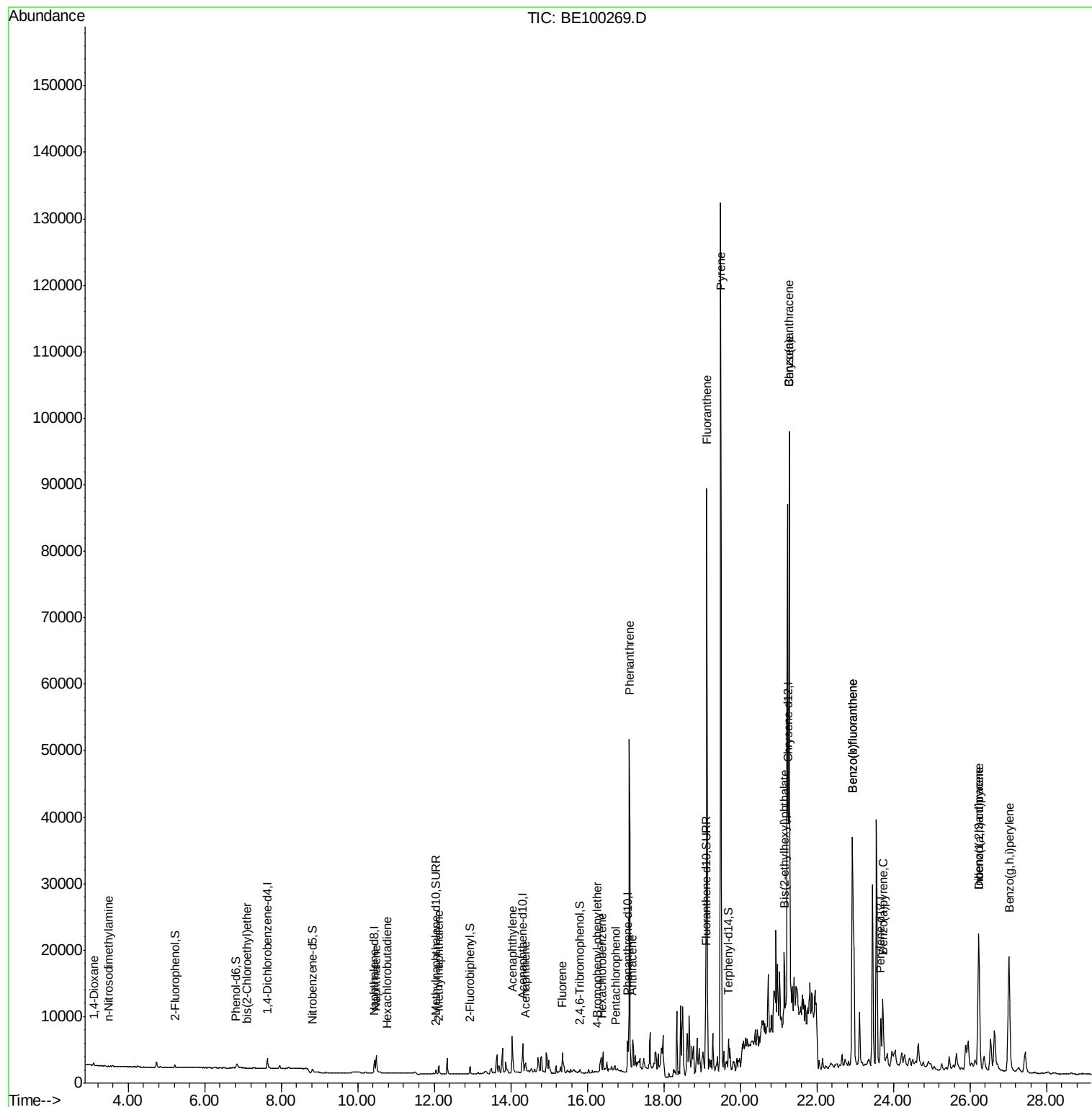
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	10	0.008	ng	# 32
3) n-Nitrosodimethylamine	3.48	42	8	0.013	ng	# 1
6) bis(2-Chloroethyl)ether	7.11	93	14	0.006	ng	# 1
9) Naphthalene	10.48	128	4764	0.145	ng	# 97
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	# 35
12) 2-Methylnaphthalene	12.12	142	1008	0.175	ng	98
16) Acenaphthylene	14.04	152	6645	0.580	ng	98
17) Acenaphthene	14.38	154	810	0.125	ng	94
18) Fluorene	15.35	166	2735	0.285	ng	# 88
20) 4-Bromophenyl-phenylether	16.26	248	10	0.002	ng	# 43
21) Hexachlorobenzene	16.37	284	9	0.002	ng	# 1
22) Pentachlorophenol	16.73	266	15	0.011	ng	# 70
23) Phenanthrene	17.09	178	56178	3.449	ng	100
24) Anthracene	17.19	178	4956	0.338	ng	96
26) Fluoranthene	19.13	202	79586	3.068	ng	98
28) Pyrene	19.49	202	123646	5.254	ng	97
30) Benzo(a)anthracene	21.28	228	74094	2.535	ng	95
31) Chrysene	21.28	228	73738	2.512	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	10351	0.193	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.24	276	38509	0.992	ng	97
35) Benzo(b)fluoranthene	22.93	252	70115	2.574	ng	# 98
36) Benzo(k)fluoranthene	22.93	252	70115	2.306	ng	97
37) Benzo(a)pyrene	23.72	252	11627	0.426	ng	95
38) Dibenzo(a,h)anthracene	26.24	278	11489	0.403	ng	# 84
39) Benzo(g,h,i)perylene	27.02	276	44826	1.531	ng	99

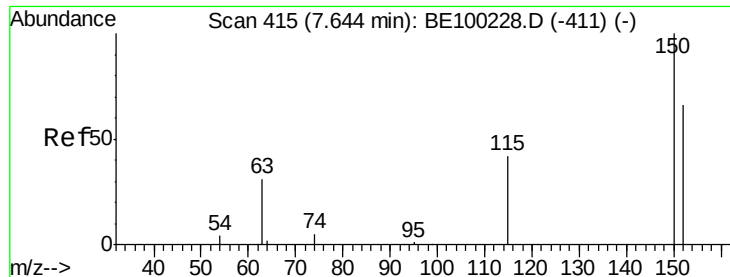
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

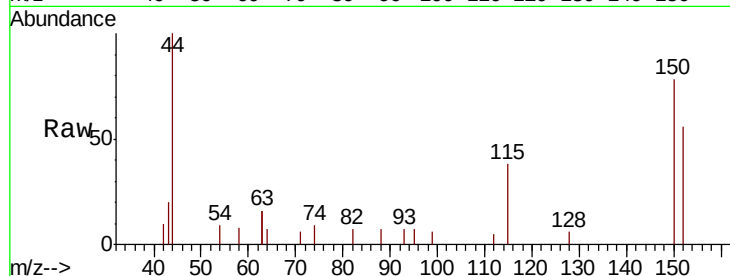
Tgt Ion:152 Resp: 842

Ion Ratio Lower Upper

152 100

150 138.4 114.5 171.7

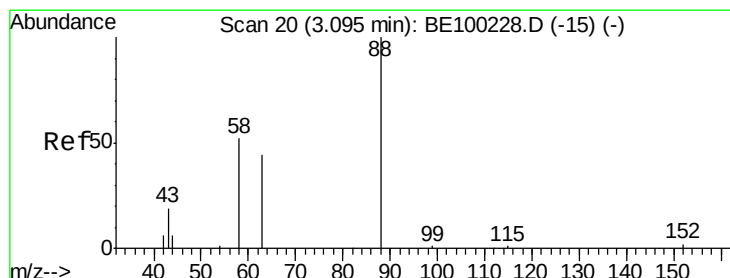
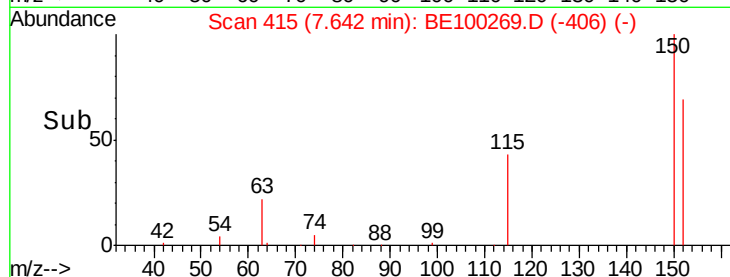
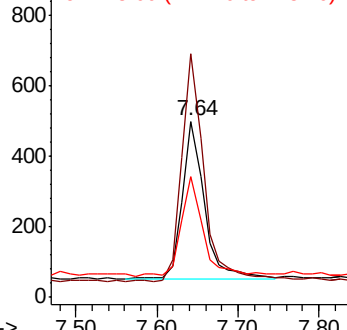
115 68.6 57.1 85.7



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: 0.008 ng

RT: 3.10 min Scan# 21

Delta R.T. 0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

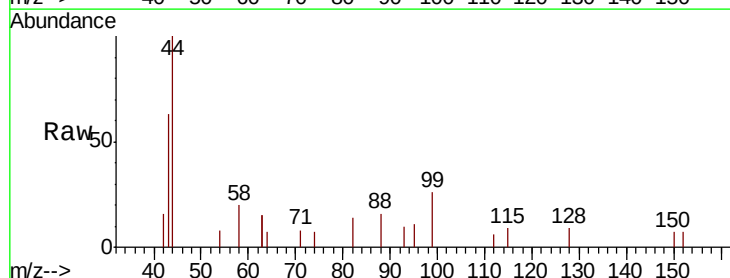
Tgt Ion: 88 Resp: 10

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

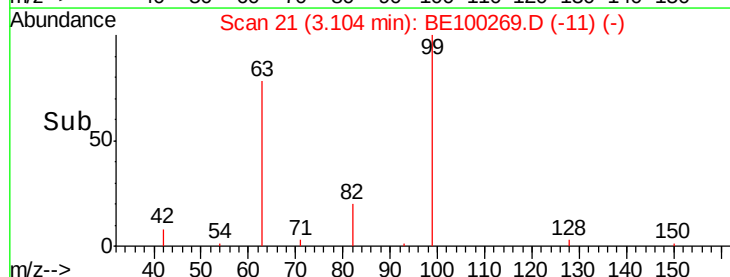
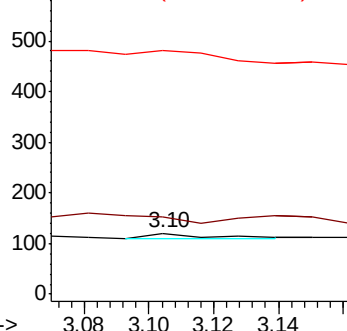
43 0.0 21.4 32.0#

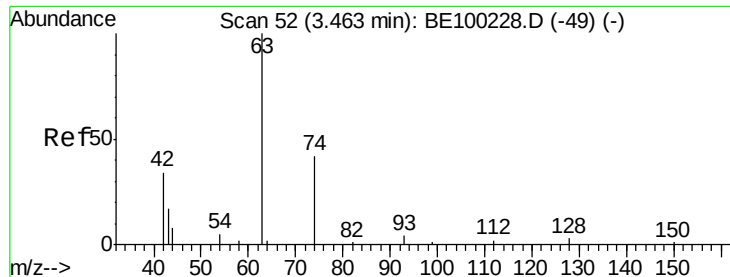


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.013 ng

RT: 3.48 min Scan# 54

Delta R.T. 0.02 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

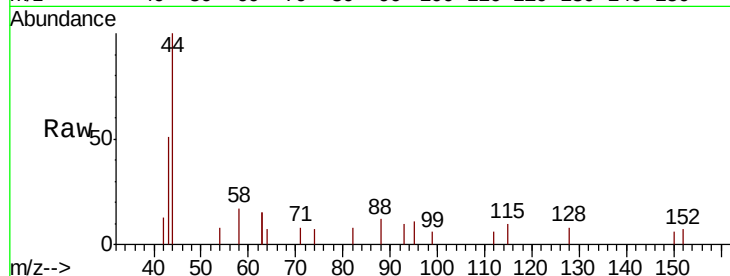
Instrument :

BNA_M

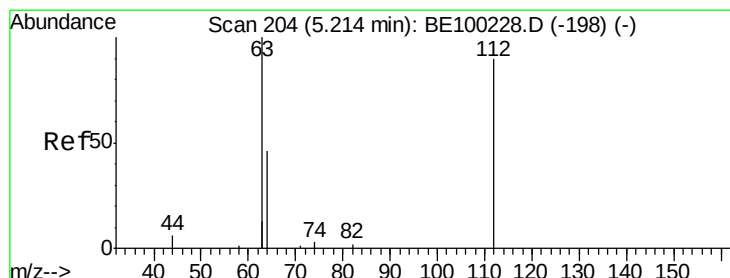
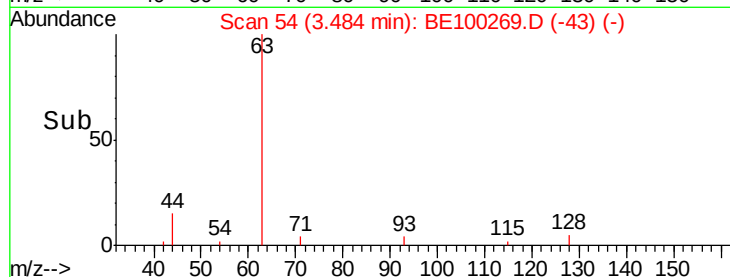
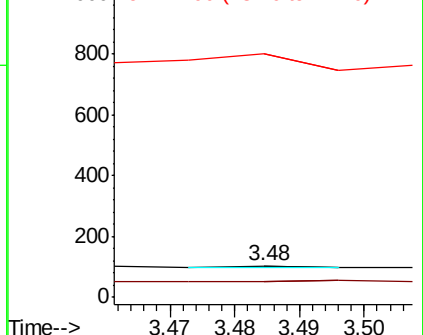
ClientSampleId :

EXT-013-SW160-061319DL

Tgt Ion:	42	Resp:	8
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: 0.164 ng

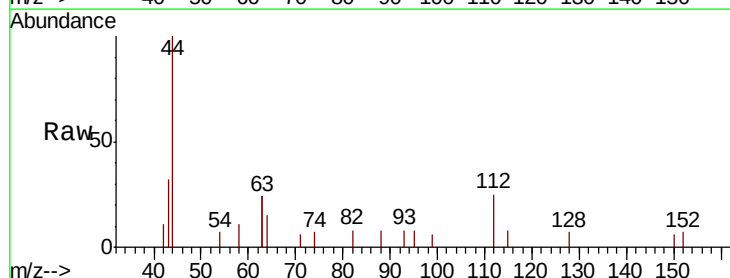
RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

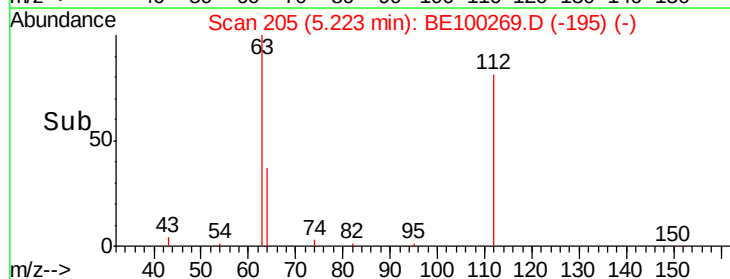
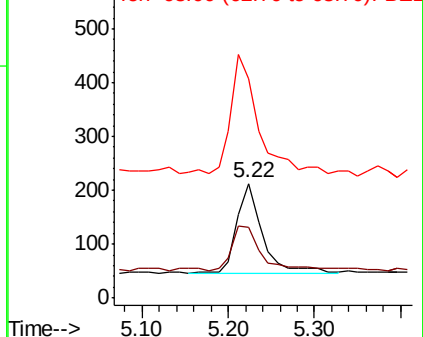
Lab File: BE100269.D

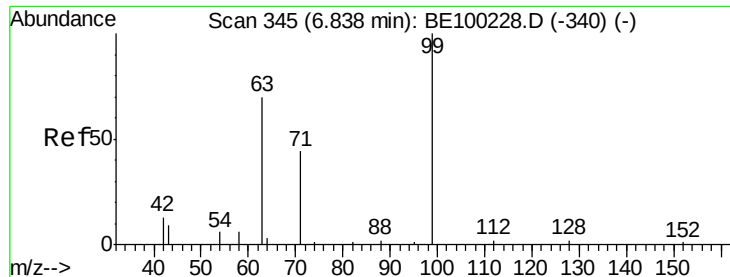
Acq: 1 Jul 2019 17:16

Tgt Ion:	112	Resp:	352
Ion	Ratio	Lower	Upper
112	100		
64	61.9	39.4	59.0#
63	155.4	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: 0.161 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

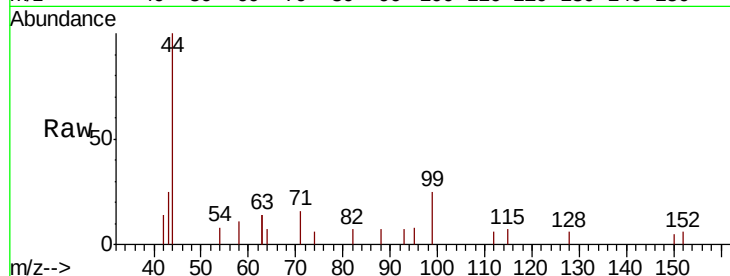
Tgt Ion: 99 Resp: 455

Ion Ratio Lower Upper

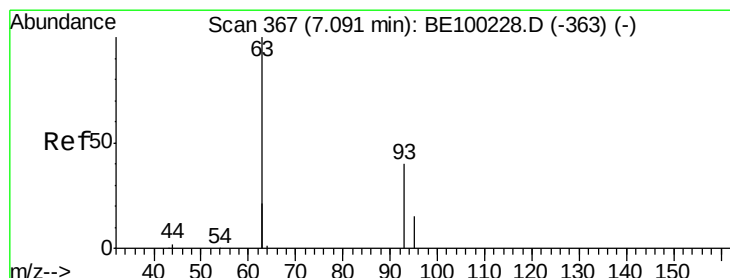
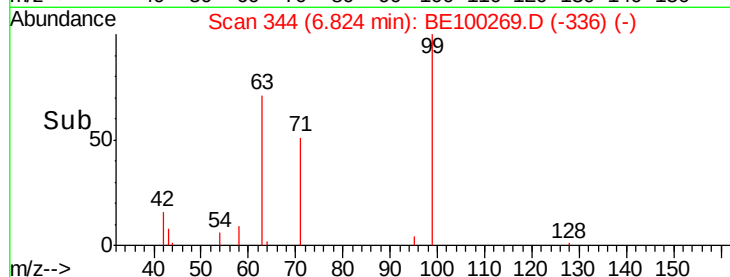
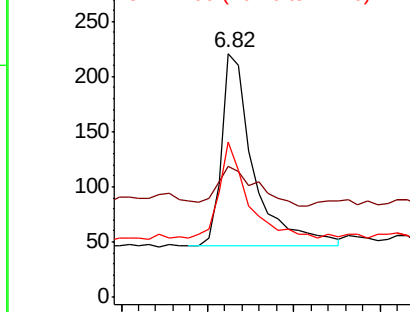
99 100

42 24.8 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: 0.006 ng

RT: 7.11 min Scan# 369

Delta R.T. 0.02 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

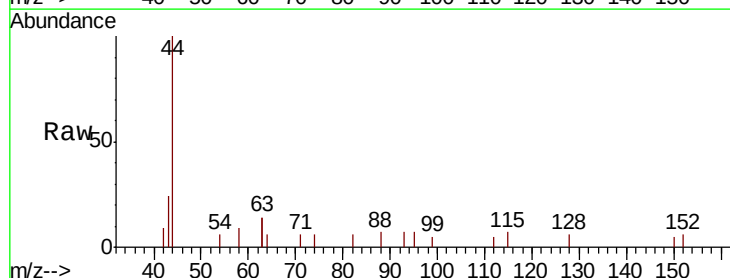
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

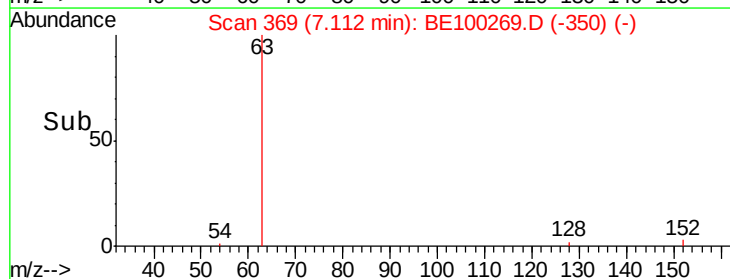
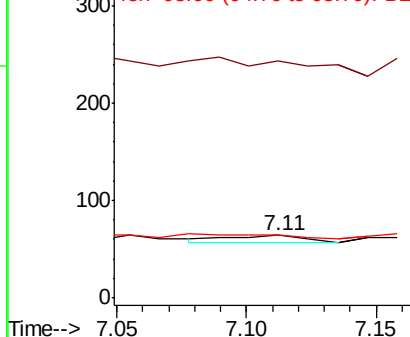
93 100

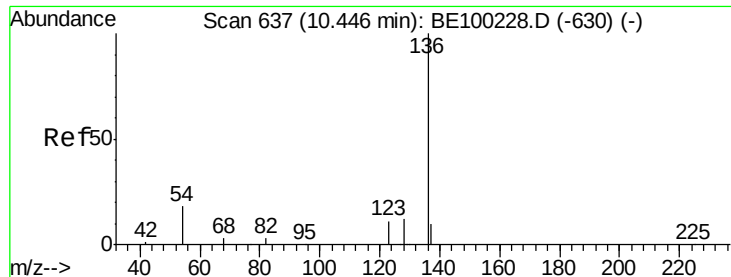
63 0.0 155.6 233.4#

95 0.0 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: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

Tgt Ion: 136 Resp: 2975

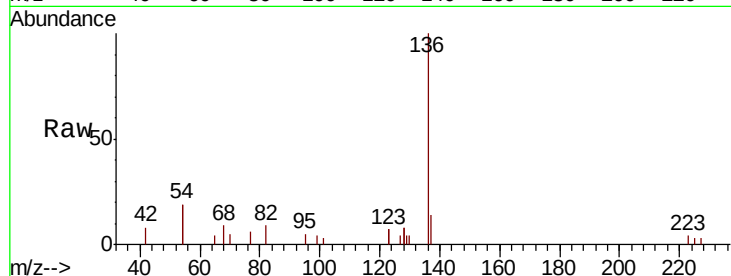
Ion Ratio Lower Upper

136 100

137 14.3 11.8 17.8

54 37.5 27.7 41.5

68 9.3 6.8 10.2

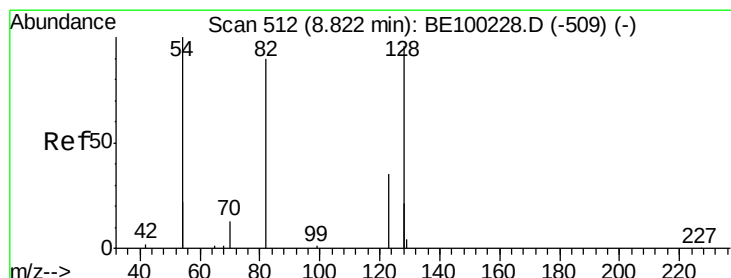
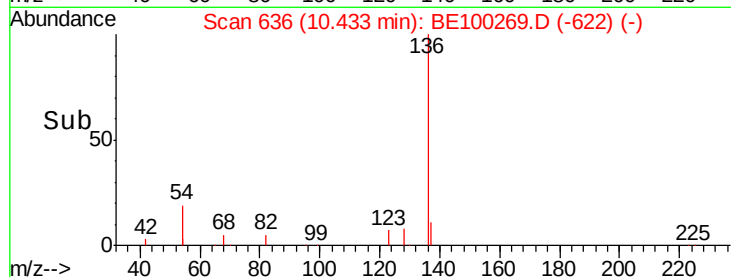
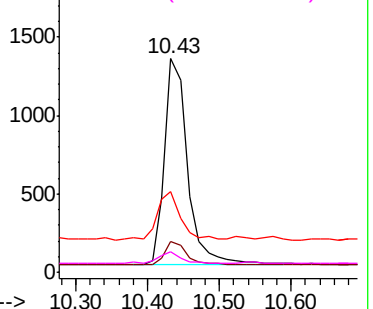


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.155 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

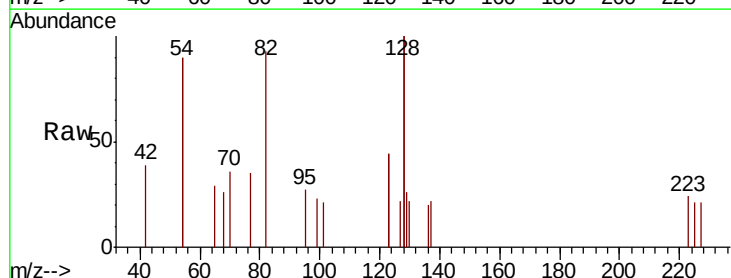
Tgt Ion: 82 Resp: 458

Ion Ratio Lower Upper

82 100

128 214.6 140.9 211.3#

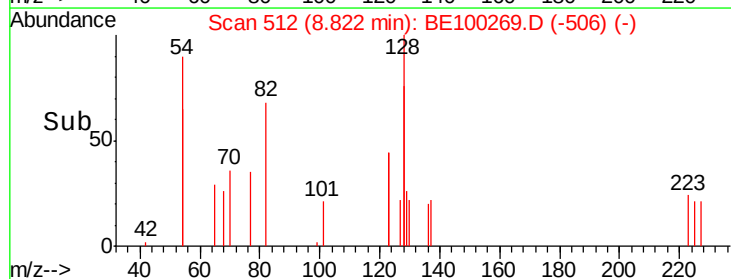
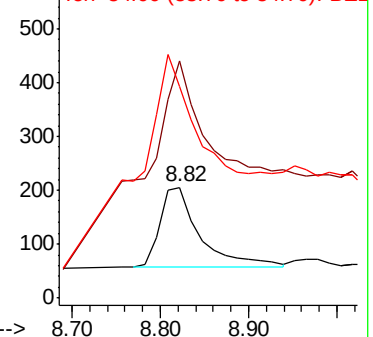
54 192.2 146.2 219.2

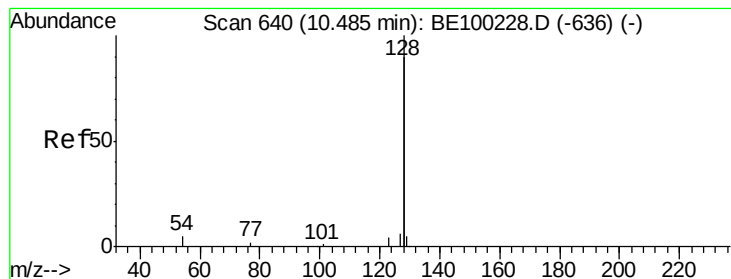


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.145 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

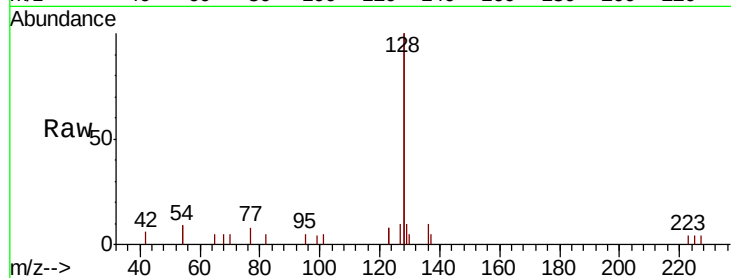
Tgt Ion:128 Resp: 4764

Ion Ratio Lower Upper

128 100

129 5.0 3.0 4.6#

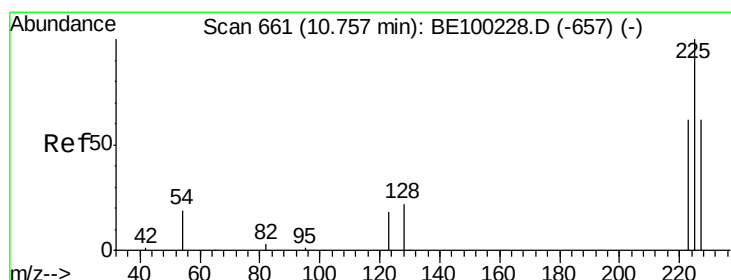
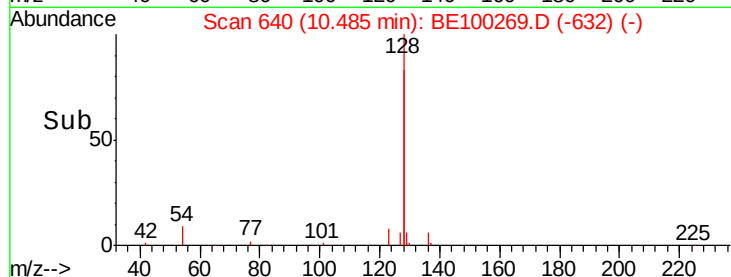
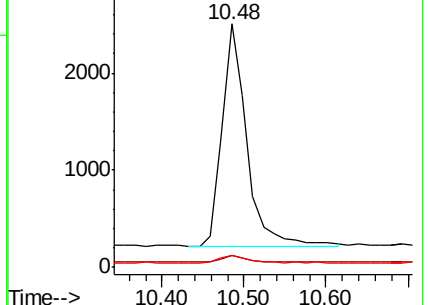
127 4.9 3.5 5.3



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: BE100269.D

Acq: 1 Jul 2019 17:16

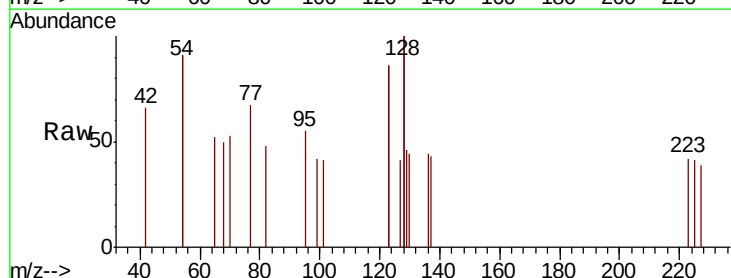
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 100.0 49.1 73.7#

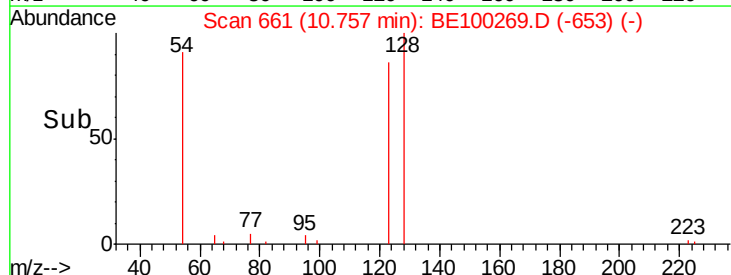
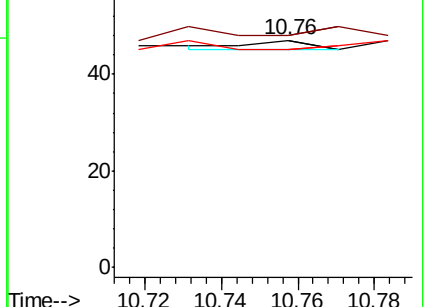
227 0.0 49.3 73.9#

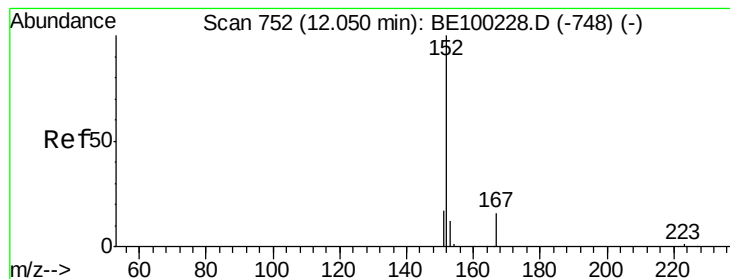


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.183 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

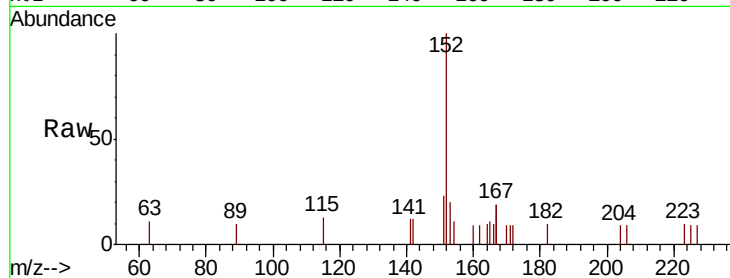
EXT-013-SW160-061319DL

Tgt Ion:152 Resp: 1026

Ion Ratio Lower Upper

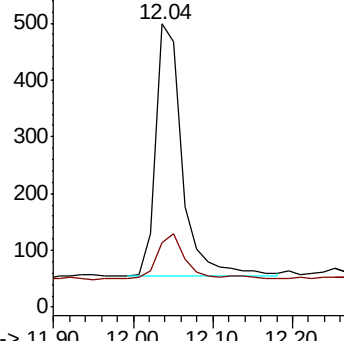
152 100

151 18.0 15.1 22.7

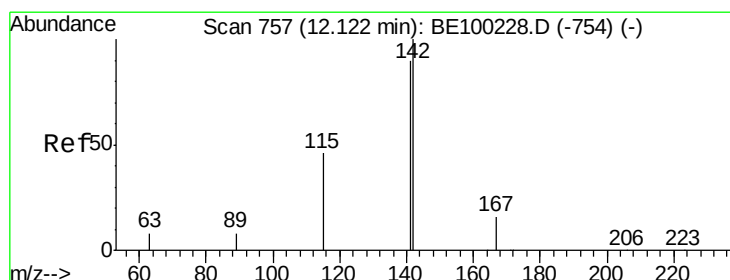
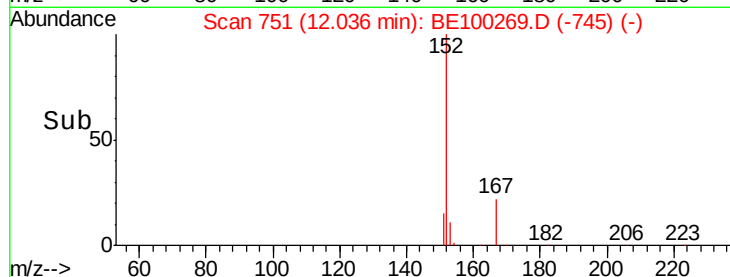


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 11.90 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.175 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

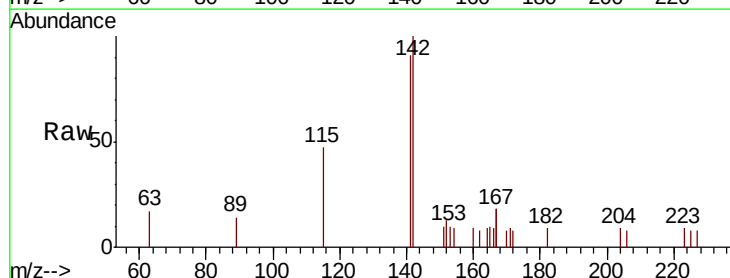
Tgt Ion:142 Resp: 1008

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6

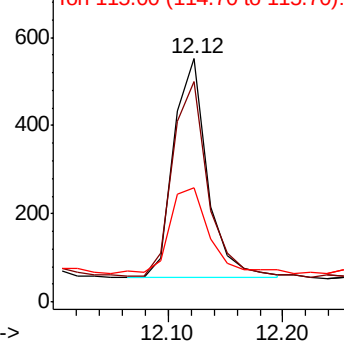
115 47.1 40.4 60.6



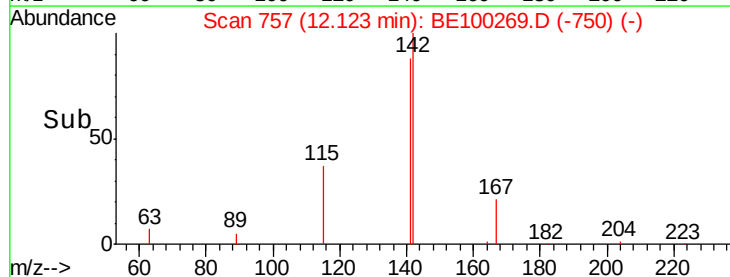
Abundance Ion 142.00 (141.70 to 142.70): E

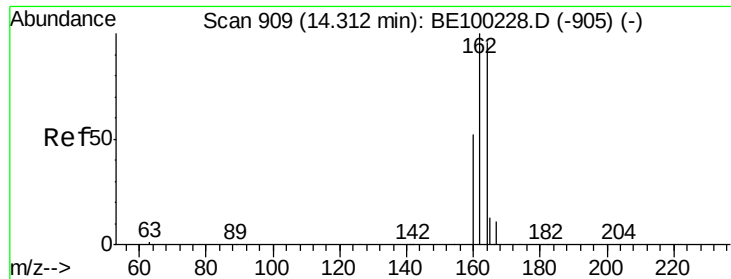
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

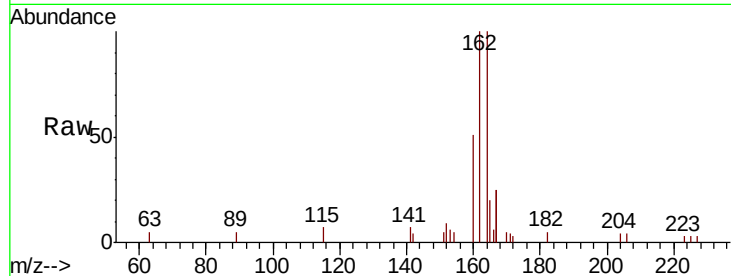
Tgt Ion:164 Resp: 2386

Ion Ratio Lower Upper

164 100

162 99.9 83.4 125.0

160 51.2 45.0 67.6

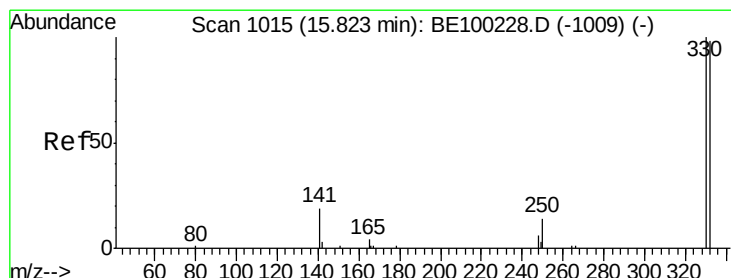
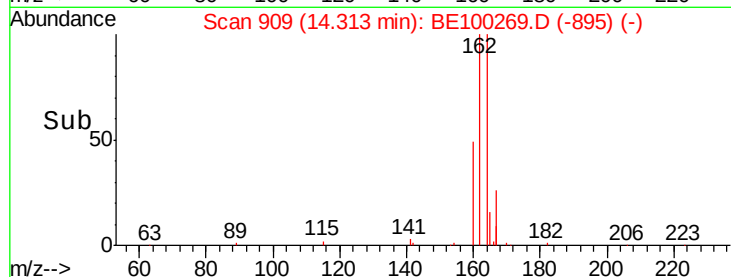
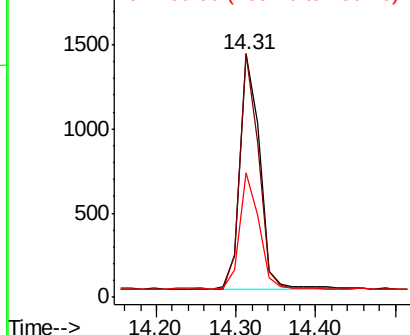


Abundance

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: 0.159 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

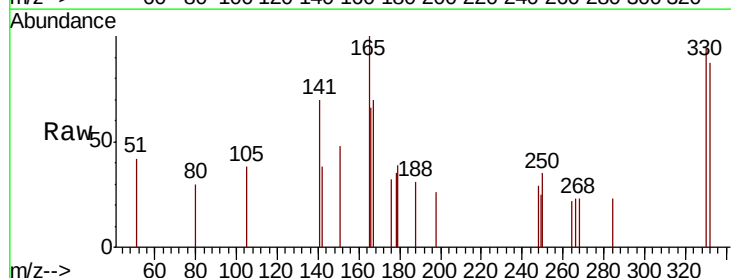
Tgt Ion:330 Resp: 265

Ion Ratio Lower Upper

330 100

332 92.1 77.0 115.4

141 102.3 22.0 33.0#

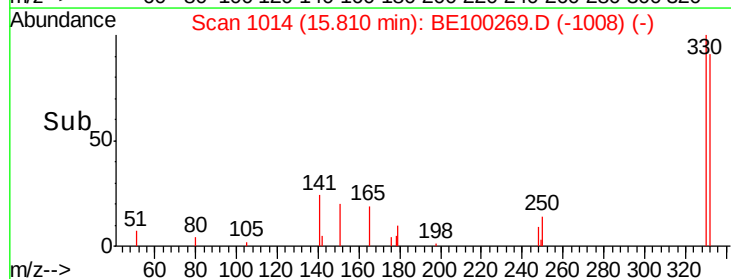
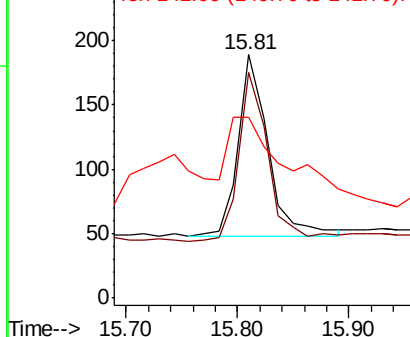


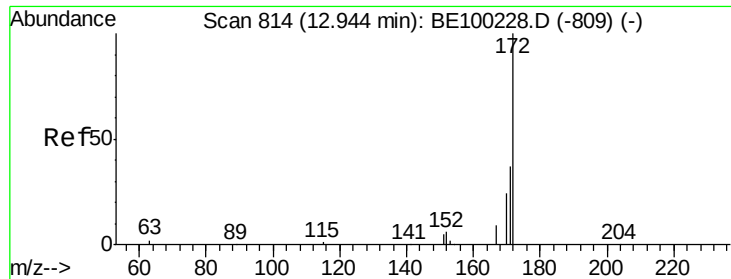
Abundance

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

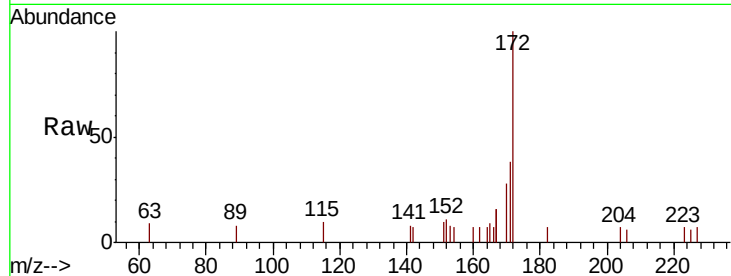




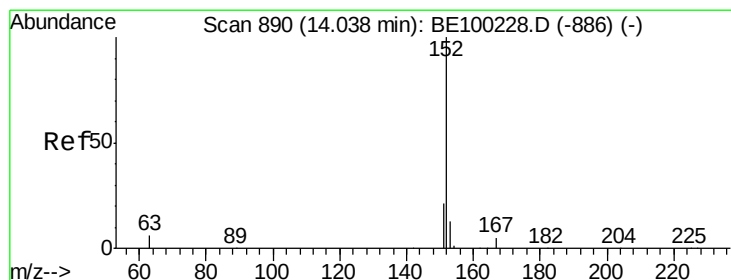
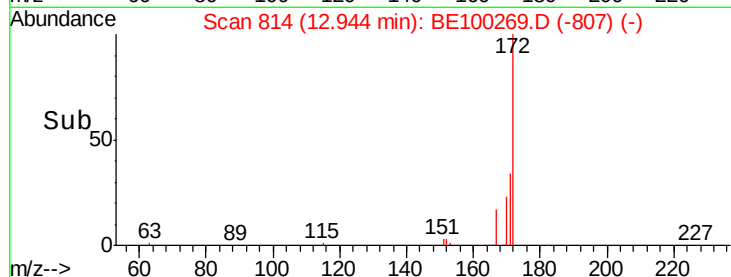
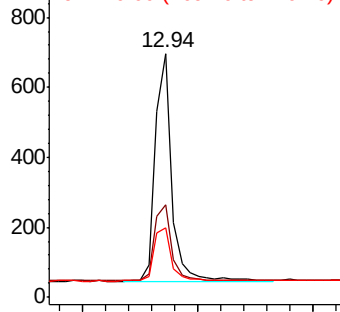
#15
2-Fluorobiphenyl
Concen: 0.140 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Instrument :
BNA_M
ClientSampleId :
EXT-013-SW160-061319DL

Tgt Ion:172 Resp: 1297
Ion Ratio Lower Upper
172 100
171 38.1 31.9 47.9
170 28.4 22.2 33.2

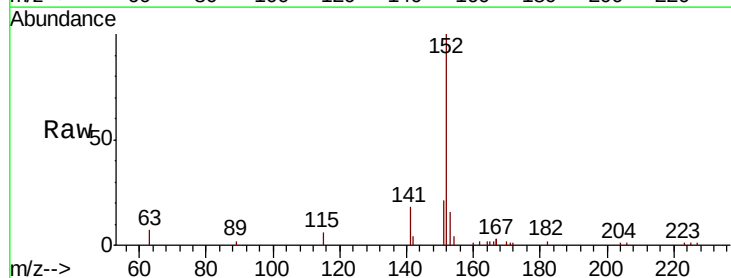


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

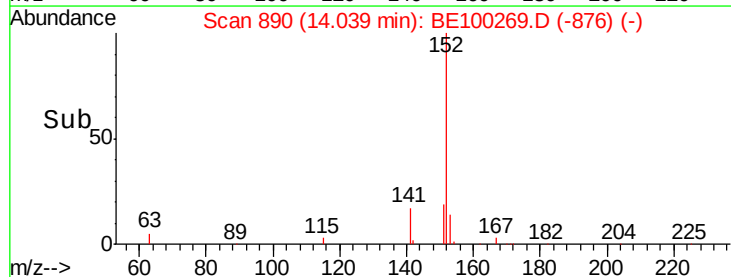
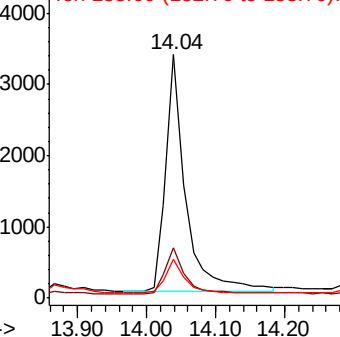


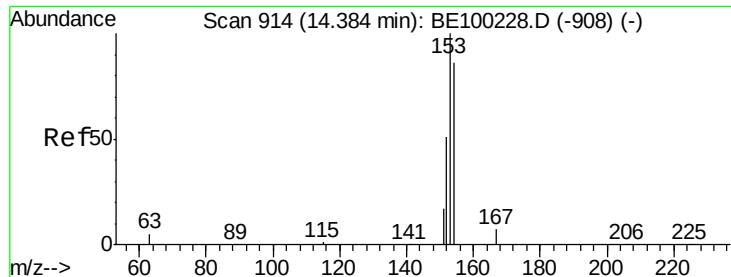
#16
Acenaphthylene
Concen: 0.580 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100269.D
Acq: 1 Jul 2019 17:16

Tgt Ion:152 Resp: 6645
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 14.0 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





#17

Acenaphthene

Concen: 0.125 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

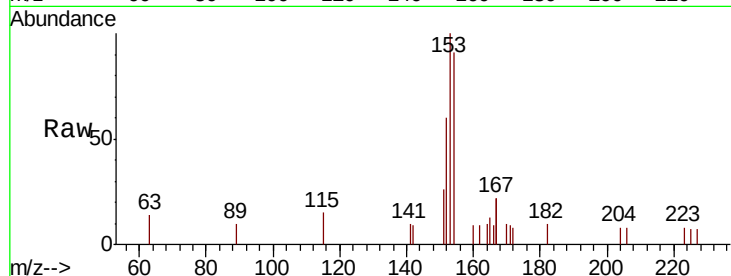
Tgt Ion:154 Resp: 810

Ion Ratio Lower Upper

154 100

153 121.0 93.4 140.2

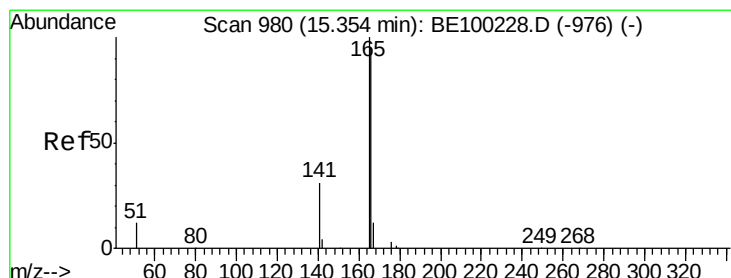
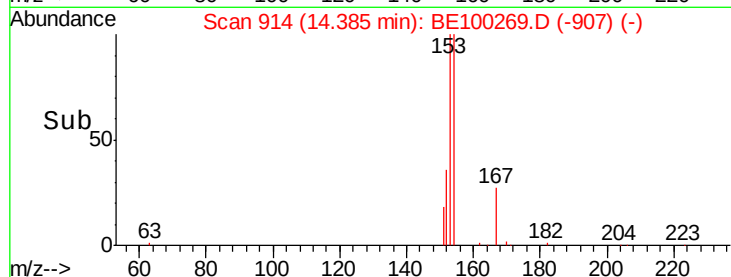
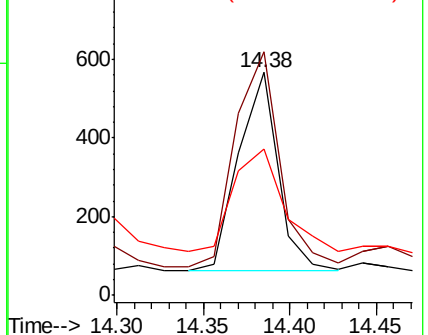
152 68.5 49.4 74.2



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: 0.285 ng

RT: 15.35 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

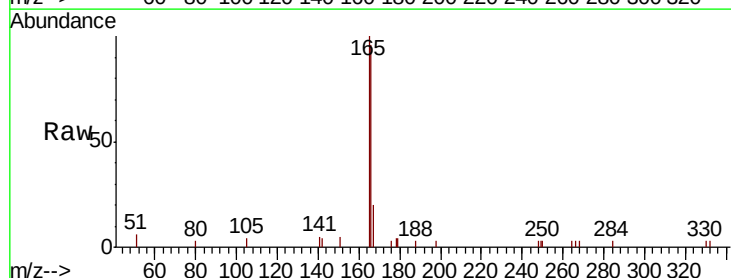
Tgt Ion:166 Resp: 2735

Ion Ratio Lower Upper

166 100

165 112.0 81.1 121.7

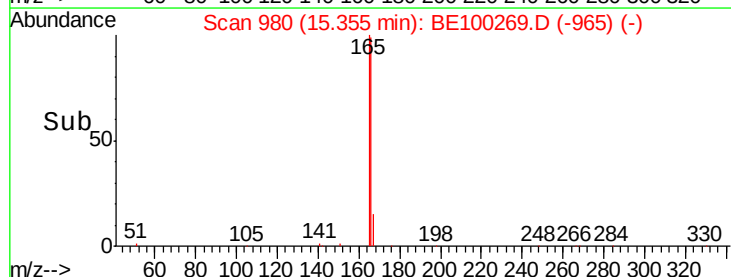
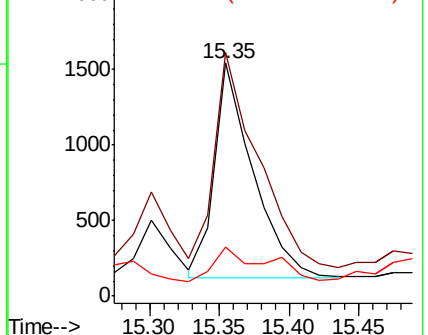
167 21.9 10.7 16.1#

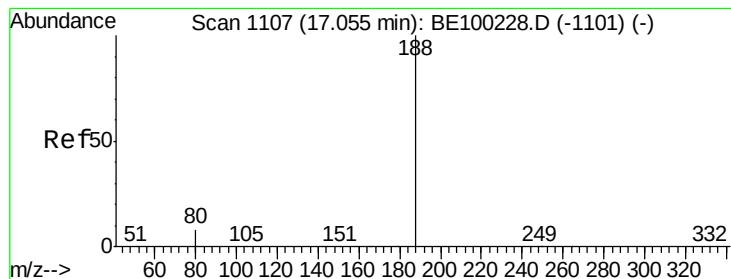


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

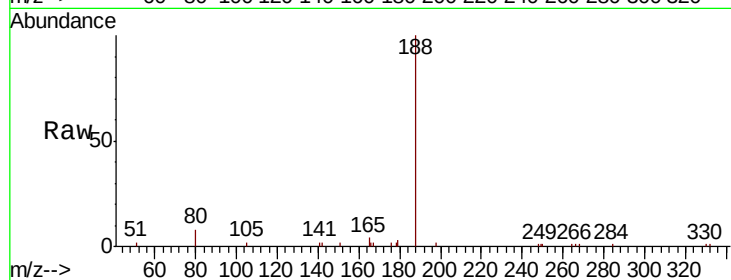
Tgt Ion:188 Resp: 6720

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

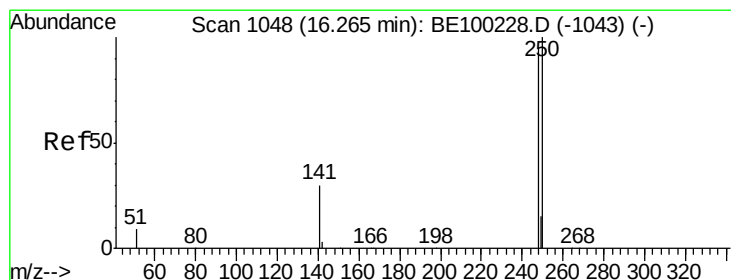
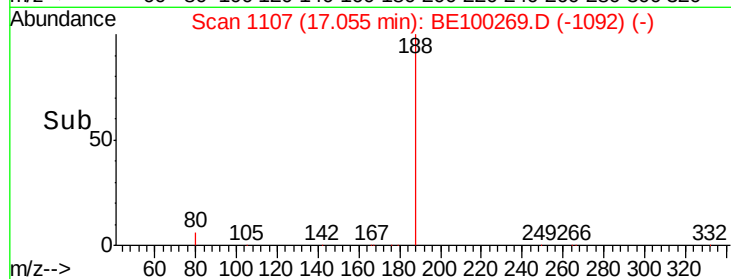
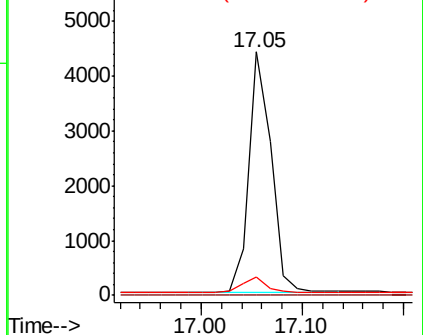
80 7.5 7.6 11.4#



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: 0.002 ng

RT: 16.26 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

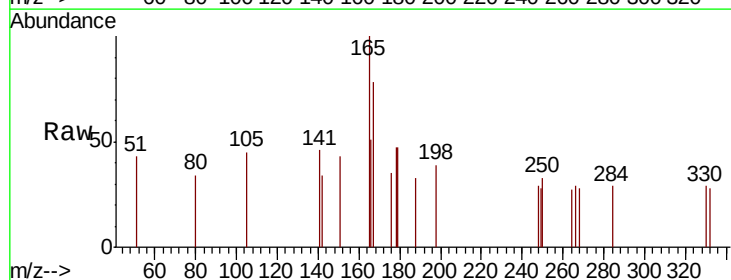
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 111.8 84.2 126.4

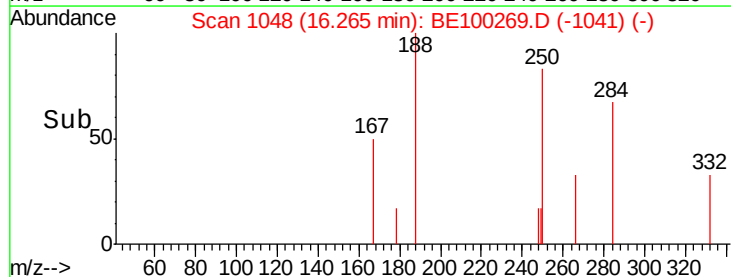
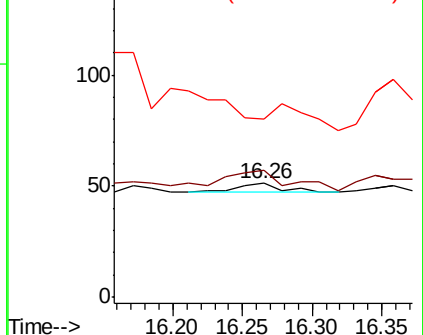
141 156.9 29.3 43.9#

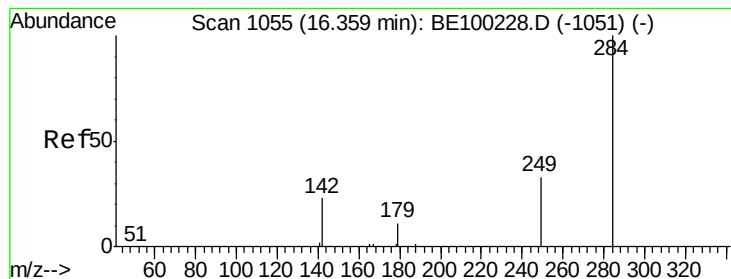


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

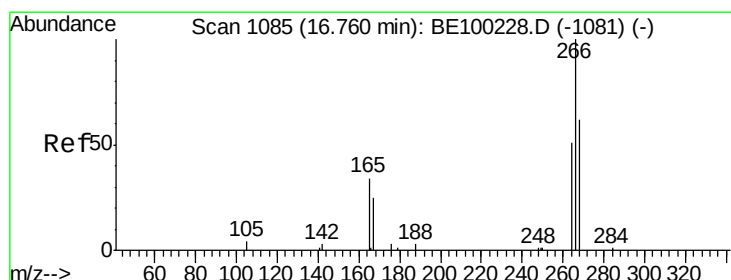
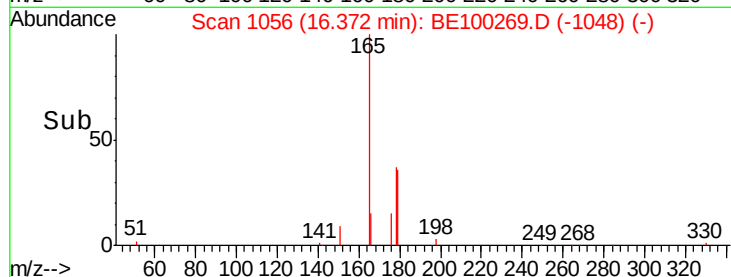
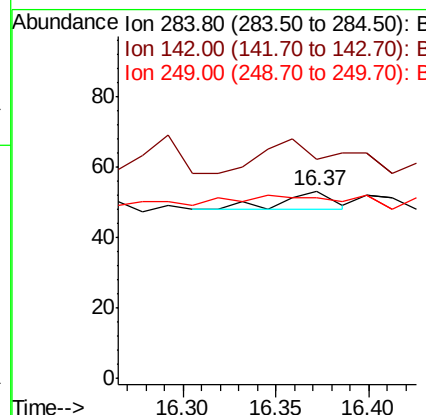
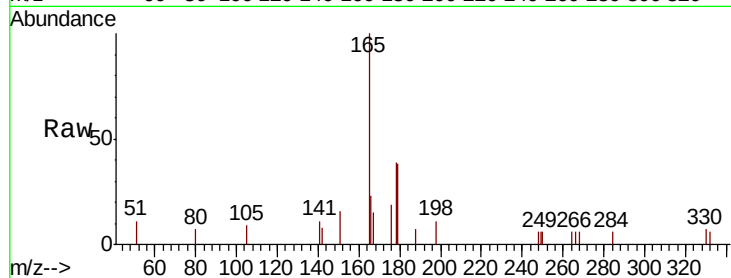
Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

Tgt Ion:	284	Resp:	9
Ion	Ratio	Lower	Upper
284	100		
142	255.6	18.8	28.2#
249	0.0	23.7	35.5#



#22

Pentachlorophenol

Concen: 0.011 ng

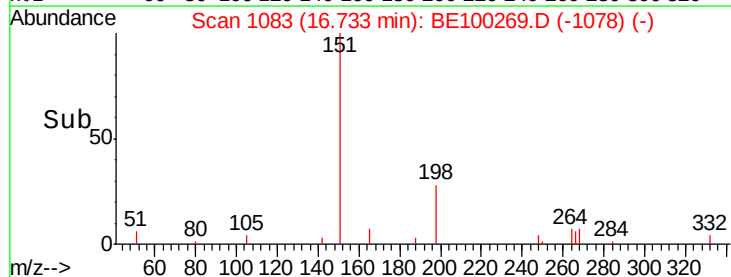
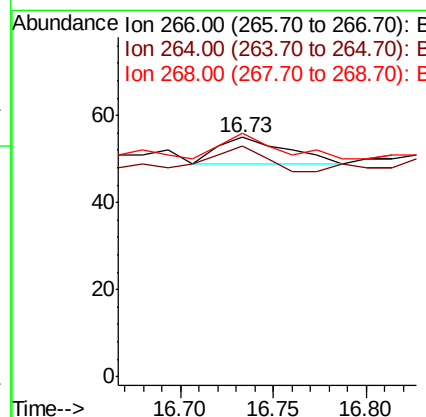
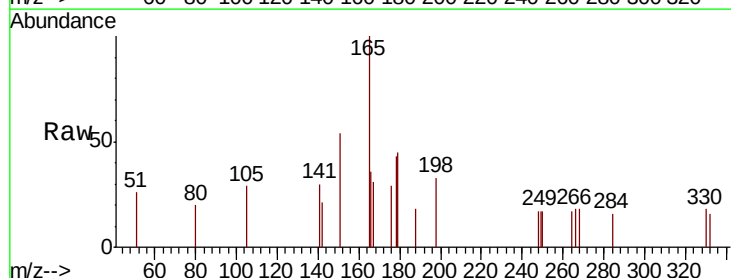
RT: 16.73 min Scan# 1083

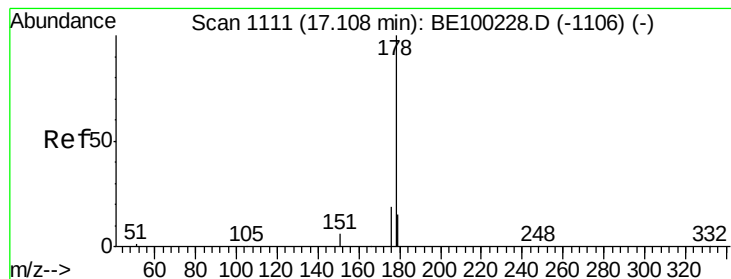
Delta R.T. -0.03 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Tgt Ion:	266	Resp:	15
Ion	Ratio	Lower	Upper
266	100		
264	96.4	56.2	84.2#
268	101.8	61.8	92.6#





#23

Phenanthrene

Concen: 3.449 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

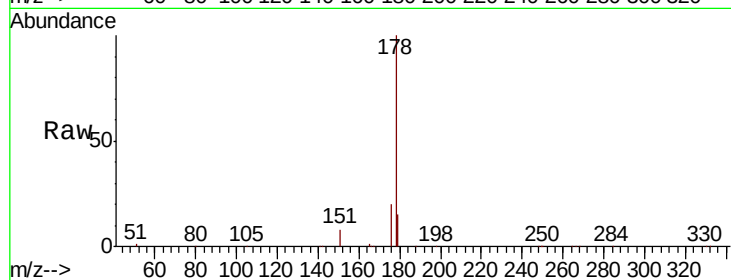
Tgt Ion:178 Resp: 56178

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

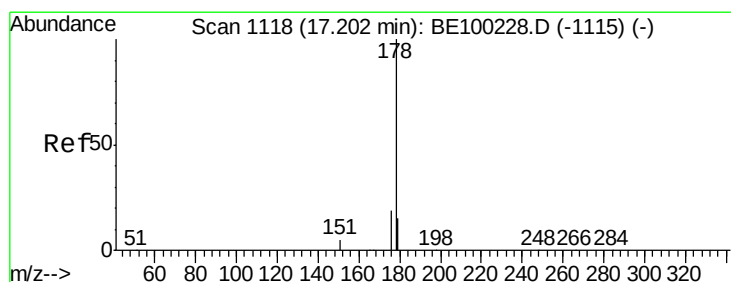
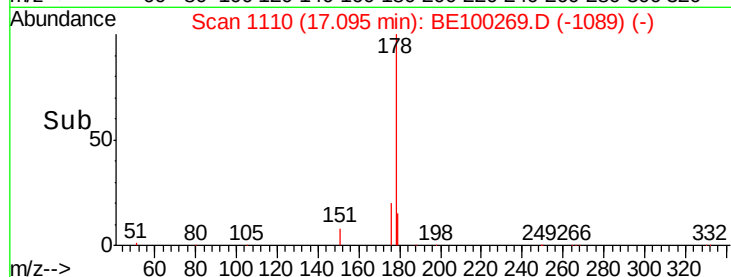
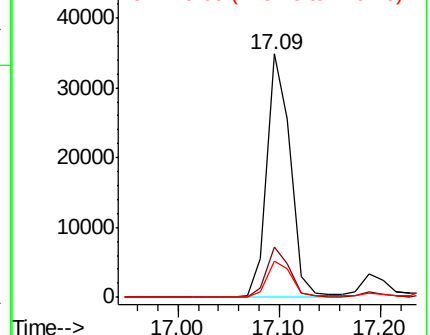
179 15.6 12.2 18.2



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: 0.338 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

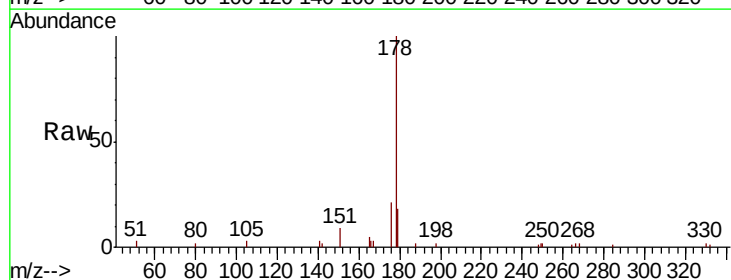
Tgt Ion:178 Resp: 4956

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

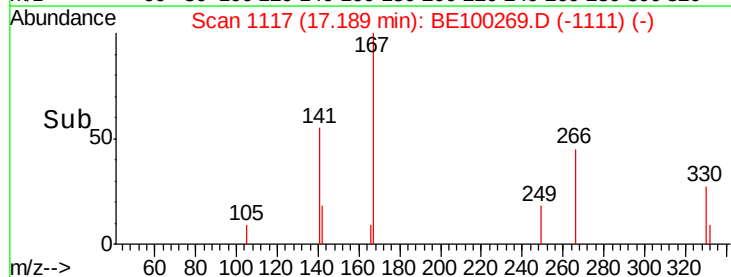
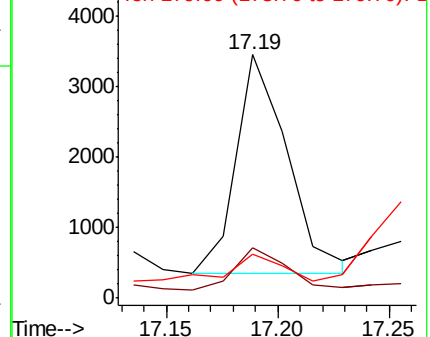
179 12.4 12.2 18.2

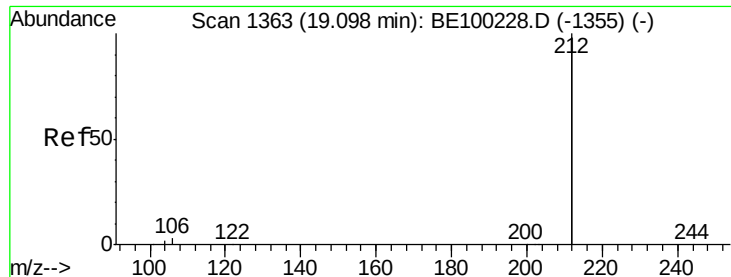


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.160 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

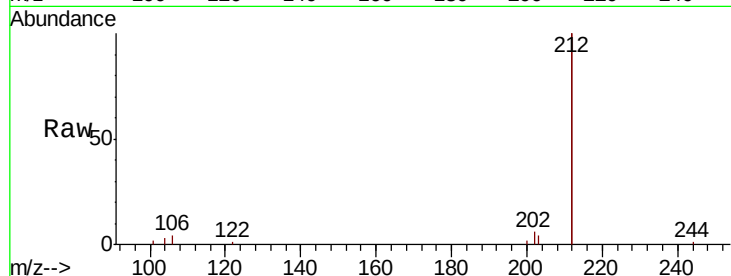
Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

Tgt Ion:	212	Resp:	15609
Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.8	1.2

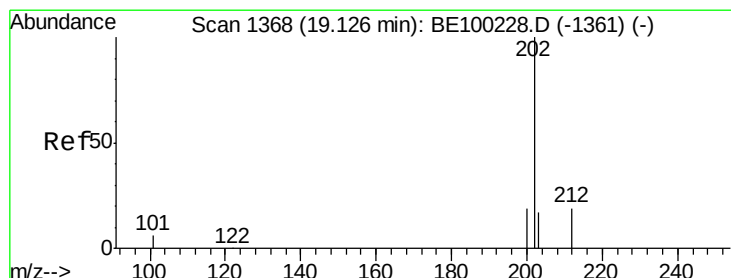
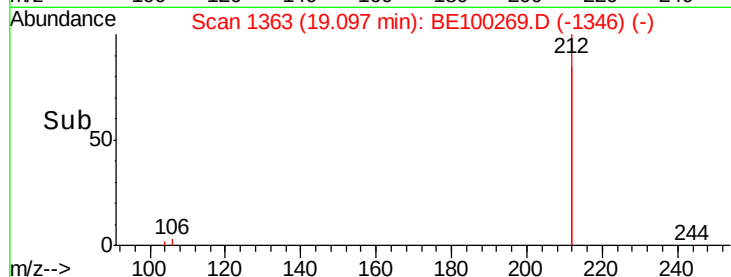
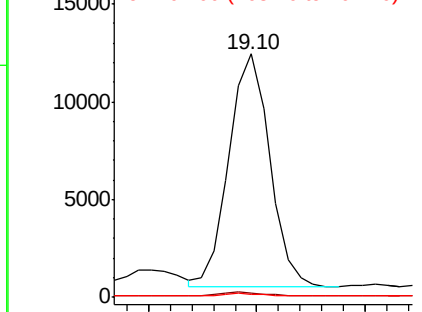


Abundance

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: 3.068 ng

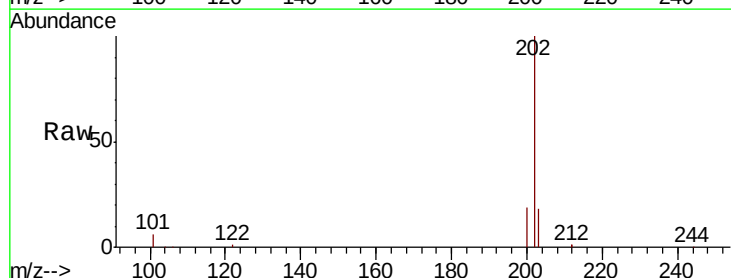
RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Tgt Ion:	202	Resp:	79586
Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	18.2	13.7	20.5

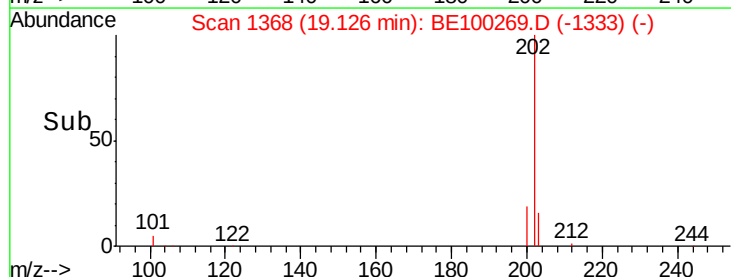
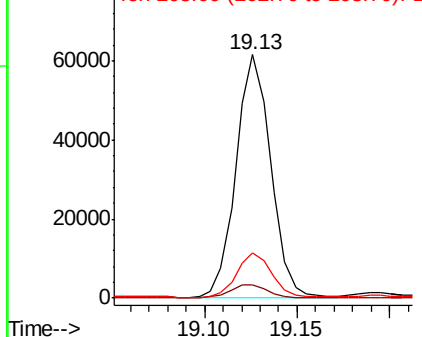


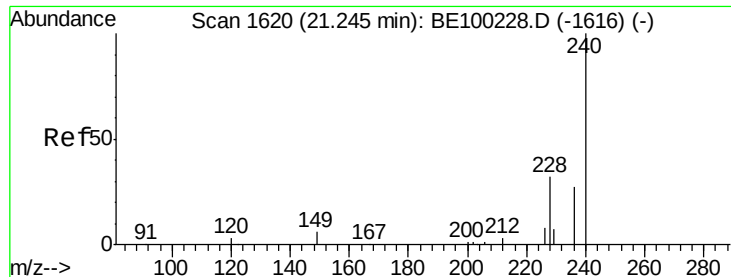
Abundance

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: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

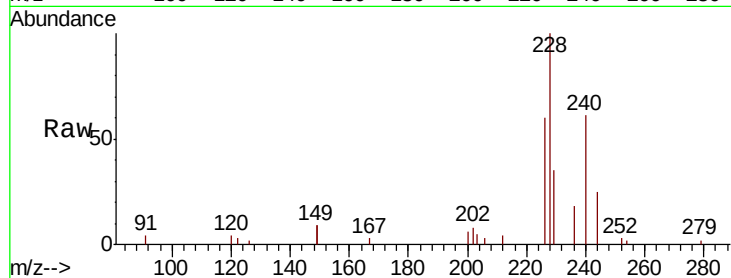
Tgt Ion:240 Resp: 8889

Ion Ratio Lower Upper

240 100

120 5.9 3.3 4.9#

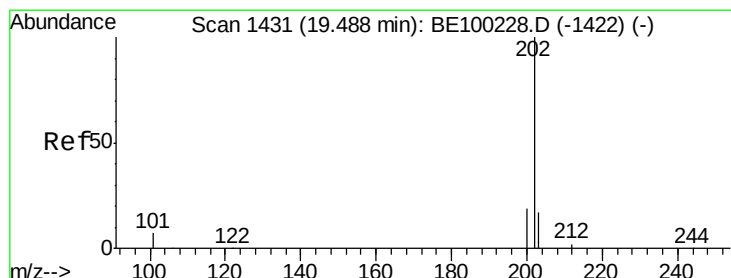
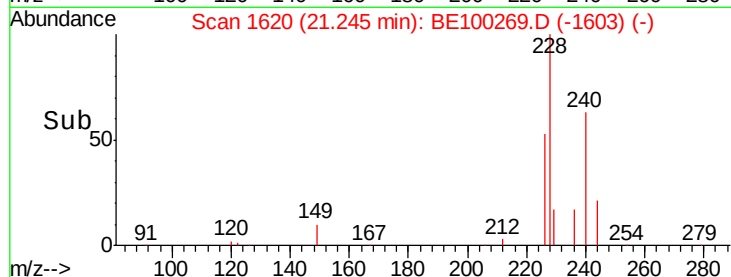
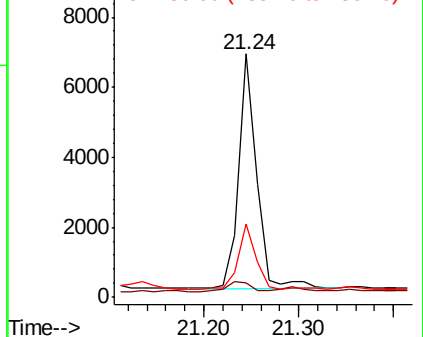
236 30.0 22.6 34.0



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: 5.254 ng

RT: 19.49 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

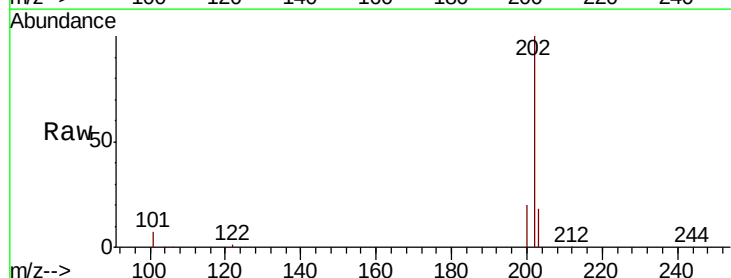
Tgt Ion:202 Resp: 123646

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

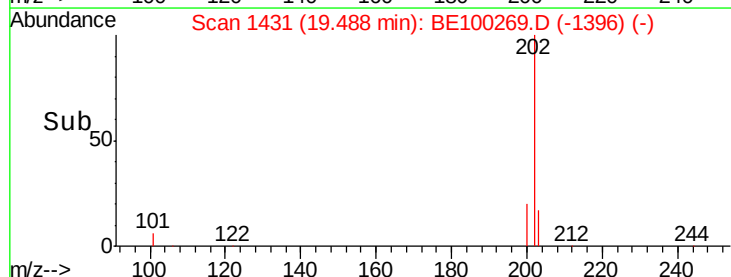
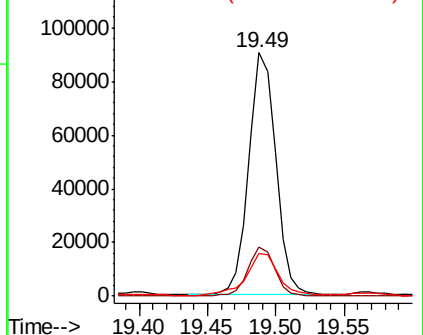
203 20.4 14.0 21.0

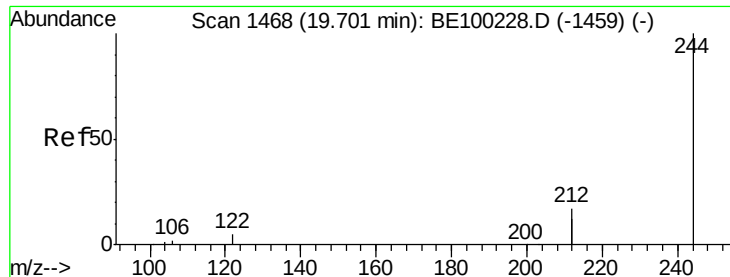


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.192 ng

RT: 19.69 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

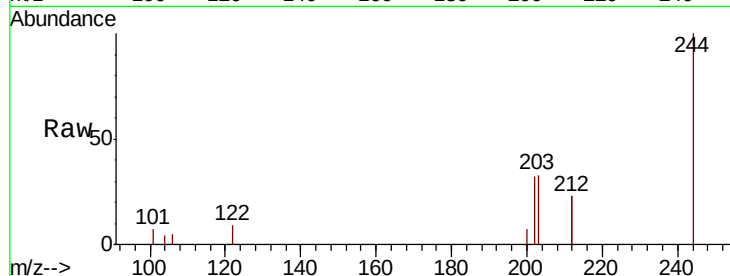
Tgt Ion:244 Resp: 3532

Ion Ratio Lower Upper

244 100

212 46.9 27.3 40.9#

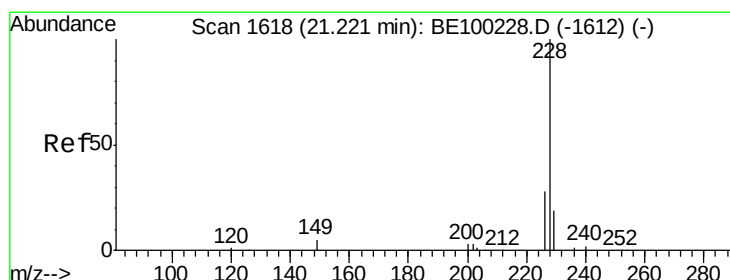
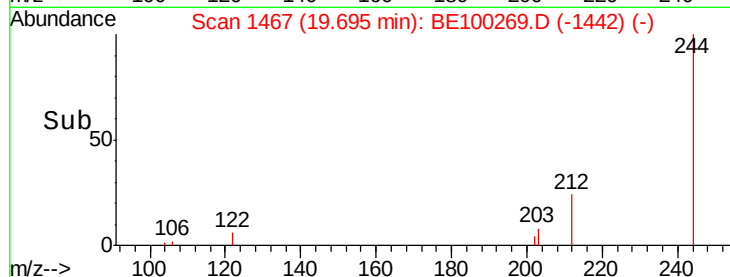
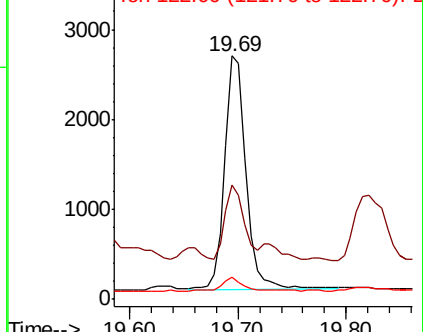
122 9.2 4.7 7.1#



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: 2.535 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

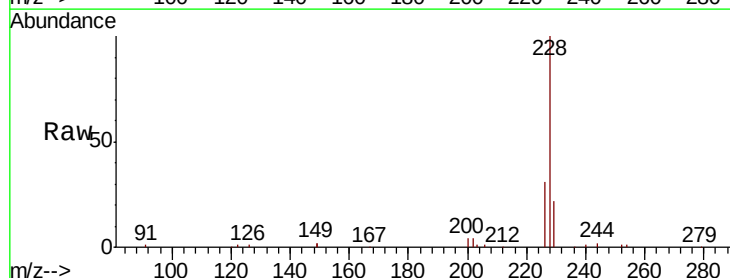
Tgt Ion:228 Resp: 74094

Ion Ratio Lower Upper

228 100

226 31.3 23.2 34.8

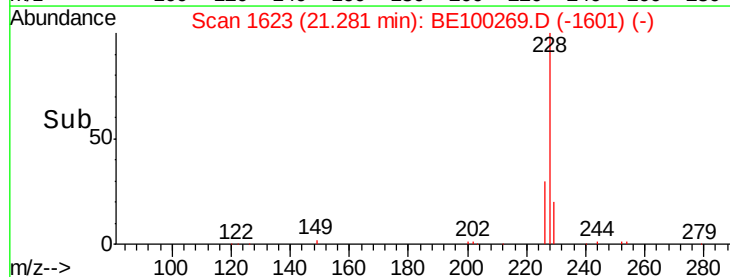
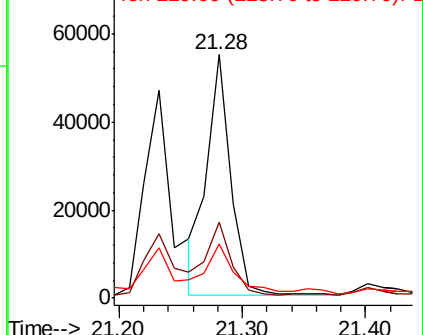
229 22.3 15.7 23.5

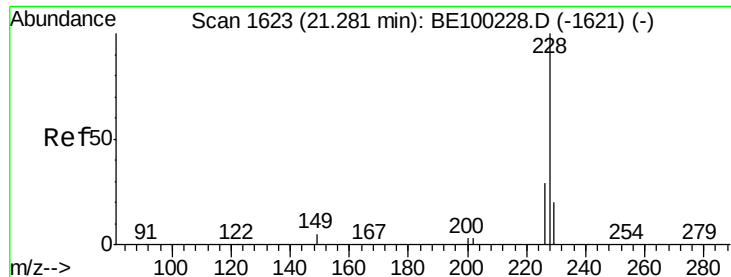


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.512 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

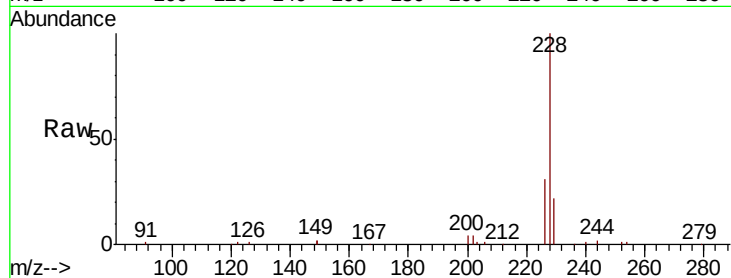
Tgt Ion:228 Resp: 73738

Ion Ratio Lower Upper

228 100

226 31.3 23.9 35.9

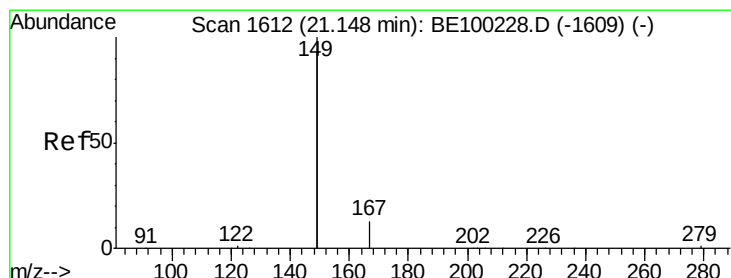
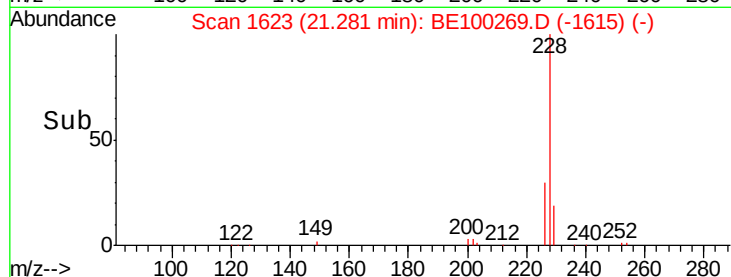
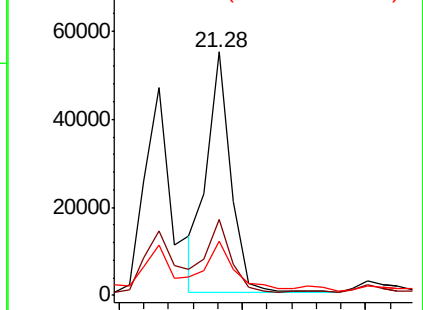
229 22.3 16.5 24.7



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: 0.193 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

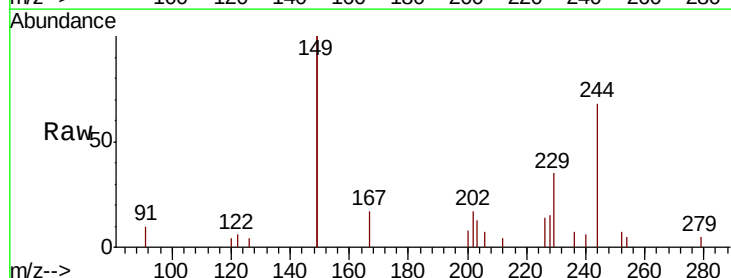
Tgt Ion:149 Resp: 10351

Ion Ratio Lower Upper

149 100

167 7.7 5.8 8.8

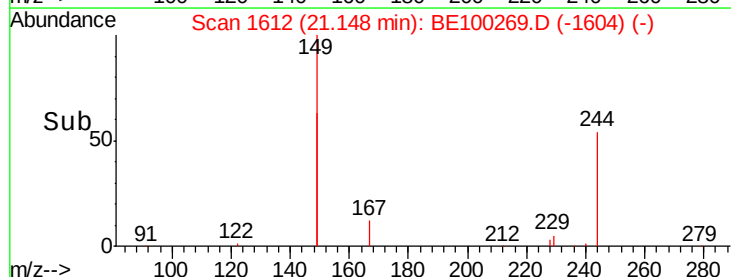
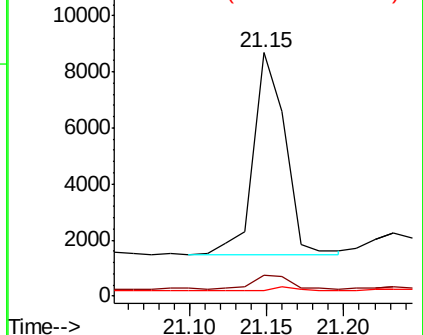
279 2.0 1.1 1.7#

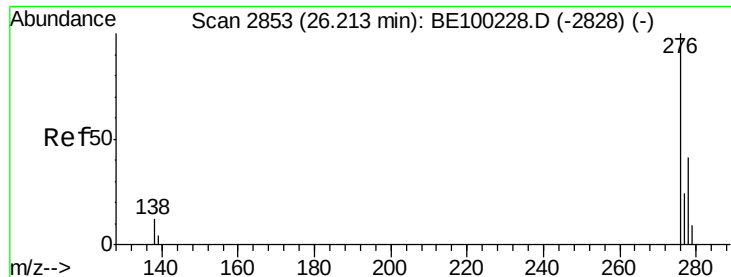


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.992 ng

RT: 26.24 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

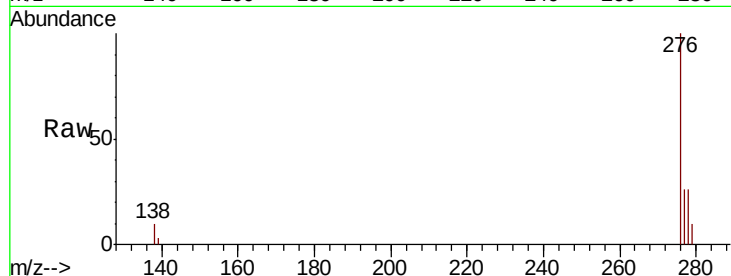
Tgt Ion:276 Resp: 38509

Ion Ratio Lower Upper

276 100

138 9.7 9.4 14.0

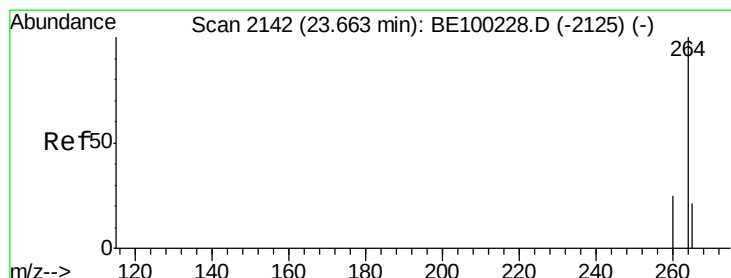
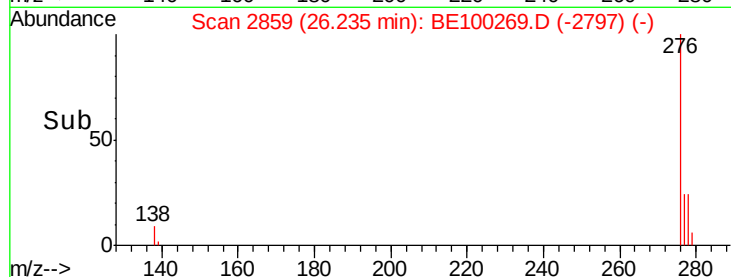
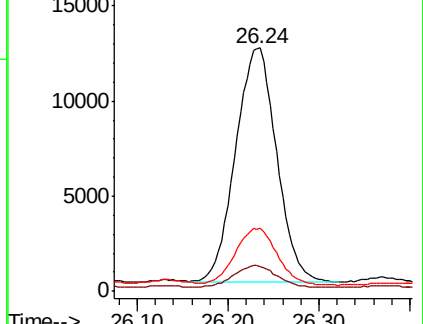
277 25.1 19.2 28.8



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: BE100269.D

Acq: 1 Jul 2019 17:16

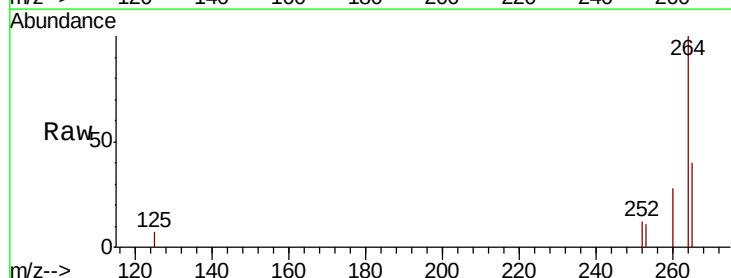
Tgt Ion:264 Resp: 10046

Ion Ratio Lower Upper

264 100

260 28.1 20.8 31.2

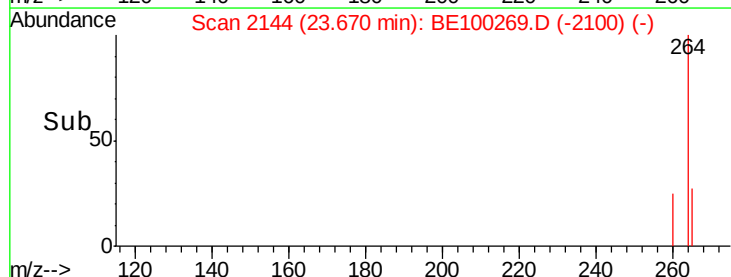
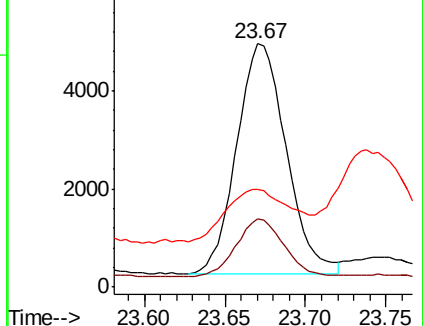
265 39.9 21.8 32.6#

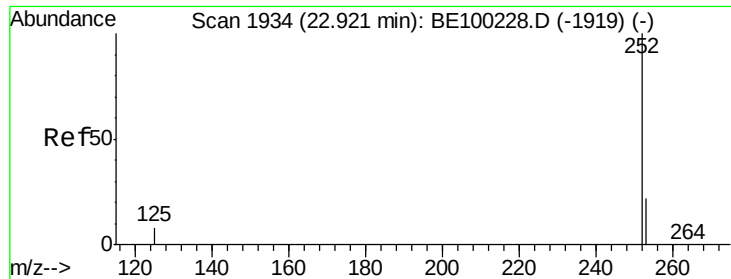


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.574 ng

RT: 22.93 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

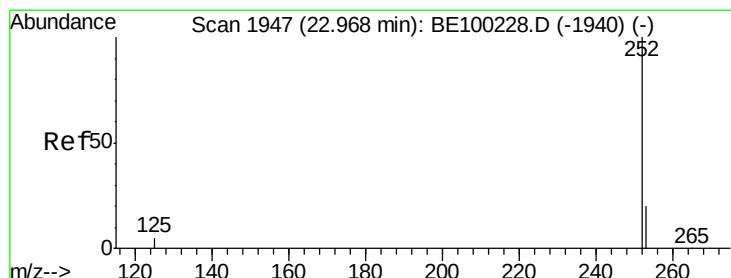
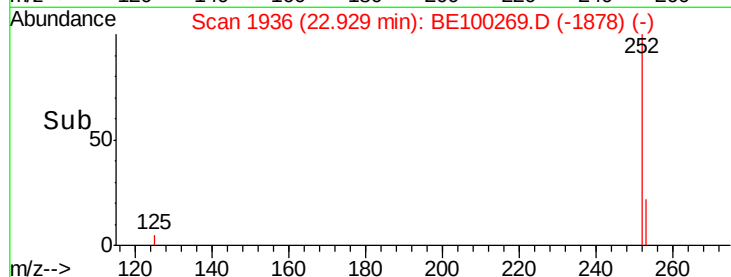
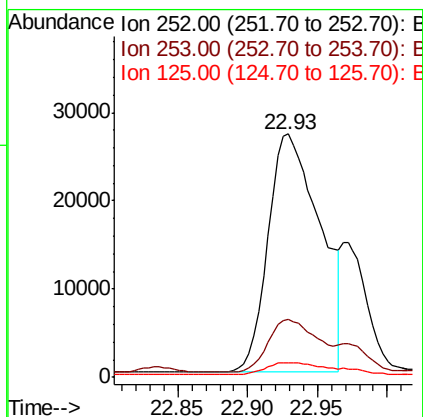
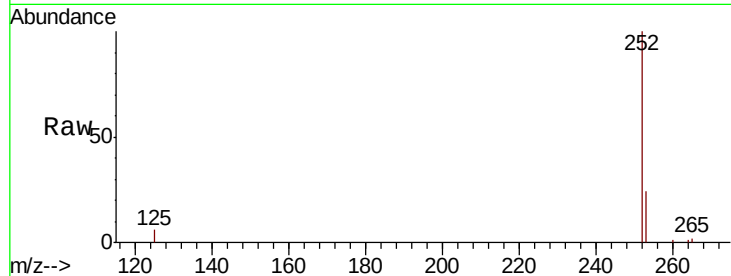
BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

Tgt Ion:252 Resp: 70115

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	6.2	7.4	11.0#



#36

Benzo(k)fluoranthene

Concen: 2.306 ng

RT: 22.93 min Scan# 1936

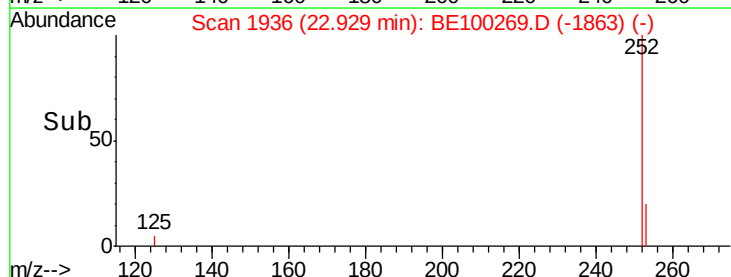
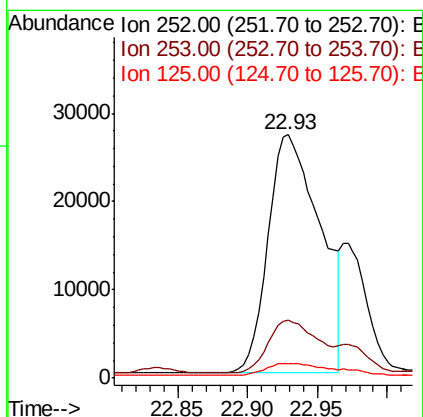
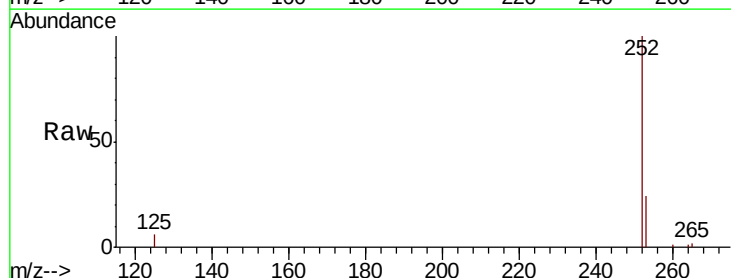
Delta R.T. -0.04 min

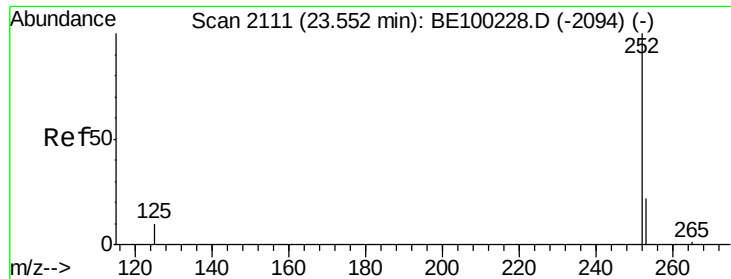
Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Tgt Ion:252 Resp: 70115

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	6.2	5.0	7.4





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.72 min Scan# 2159

Delta R.T. 0.17 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL

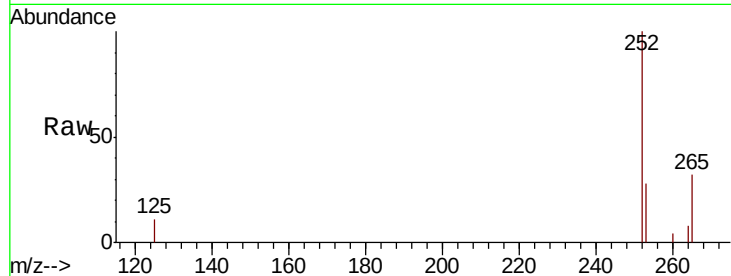
Tgt Ion: 252 Resp: 11627

Ion Ratio Lower Upper

252 100

253 28.1 19.6 29.4

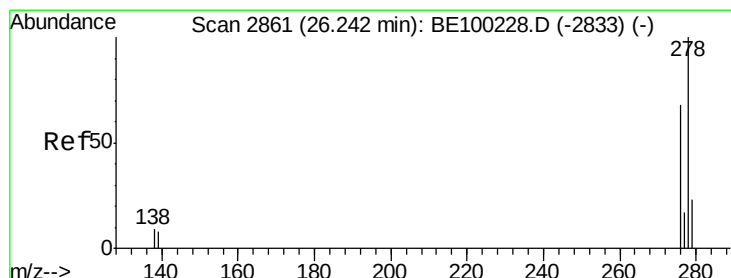
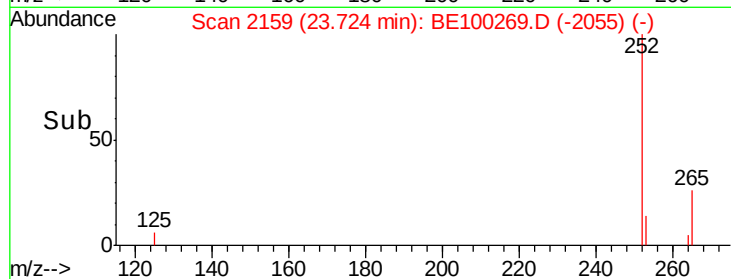
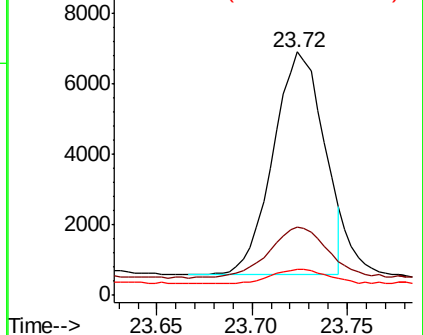
125 10.7 9.0 13.6



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: 0.403 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE100269.D

Acq: 1 Jul 2019 17:16

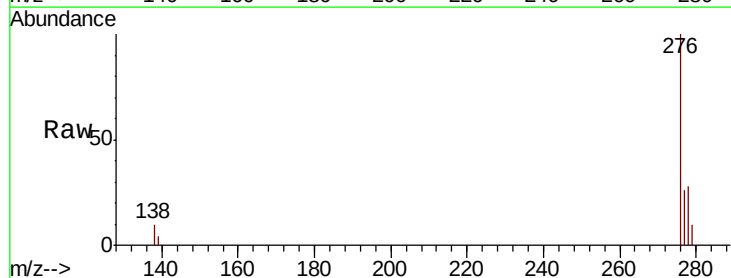
Tgt Ion: 278 Resp: 11489

Ion Ratio Lower Upper

278 100

139 12.8 8.2 12.2#

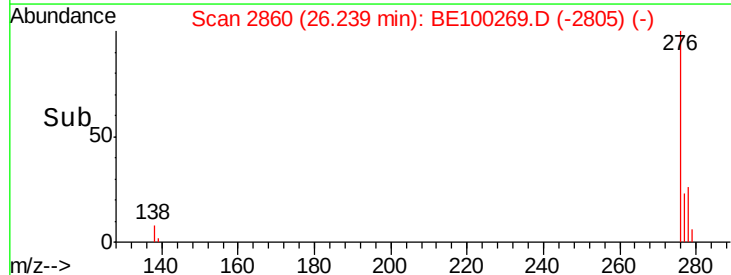
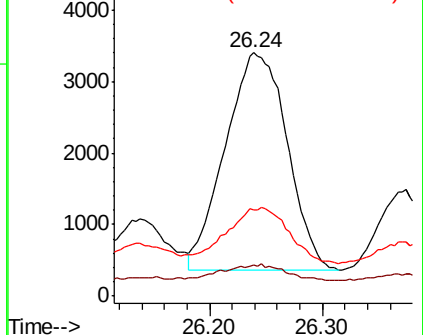
279 35.4 20.3 30.5#

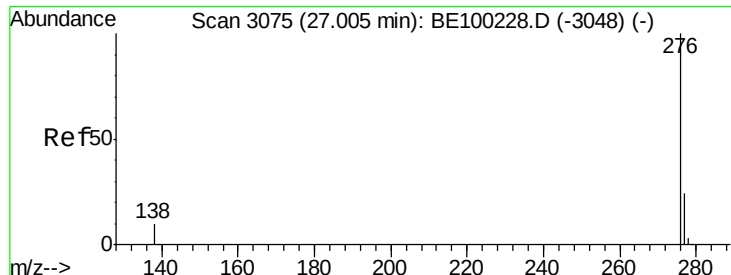


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.531 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100269.D

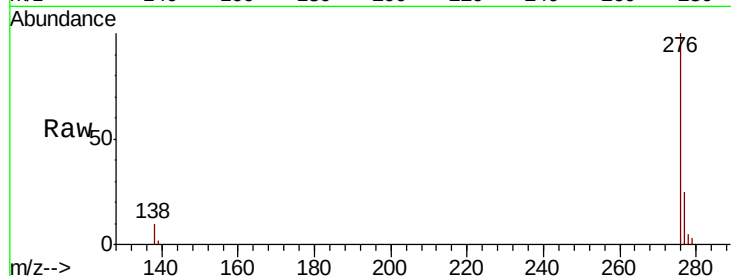
Acq: 1 Jul 2019 17:16

Instrument :

BNA_M

ClientSampleId :

EXT-013-SW160-061319DL



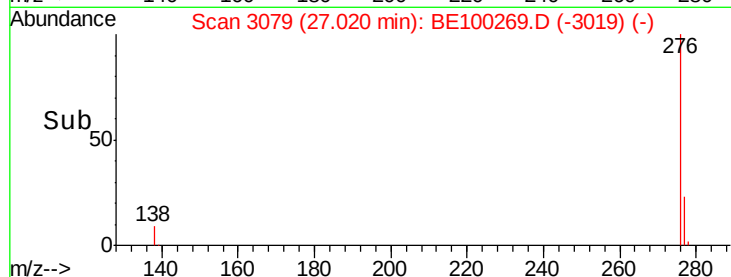
Tgt Ion: 276 Resp: 44826

Ion Ratio Lower Upper

276 100

277 25.2 20.2 30.2

138 10.4 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

