

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100060.D
 Acq On : 17 Jun 2019 11:21
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 13:09:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 13:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	575	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	1939	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1551	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	4721	0.40	ng	0.01
27) Chrysene-d12	21.39	240	8539	0.40	ng	0.00
34) Perylene-d12	23.92	264	9274	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	153	0.10	ng	0.00
5) Phenol-d6	7.03	99	158	0.08	ng	0.07
8) Nitrobenzene-d5	9.02	82	175	0.10	ng	0.05
11) 2-Methylnaphthalene-d10	12.24	152	342	0.10	ng	0.03
14) 2,4,6-Tribromophenol	16.00	330	88	0.08	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	558	0.09	ng	0.03
25) Fluoranthene-d10	19.25	212	6576	0.10	ng	0.00
29) Terphenyl-d14	19.84	244	1343	0.09	ng	0.00

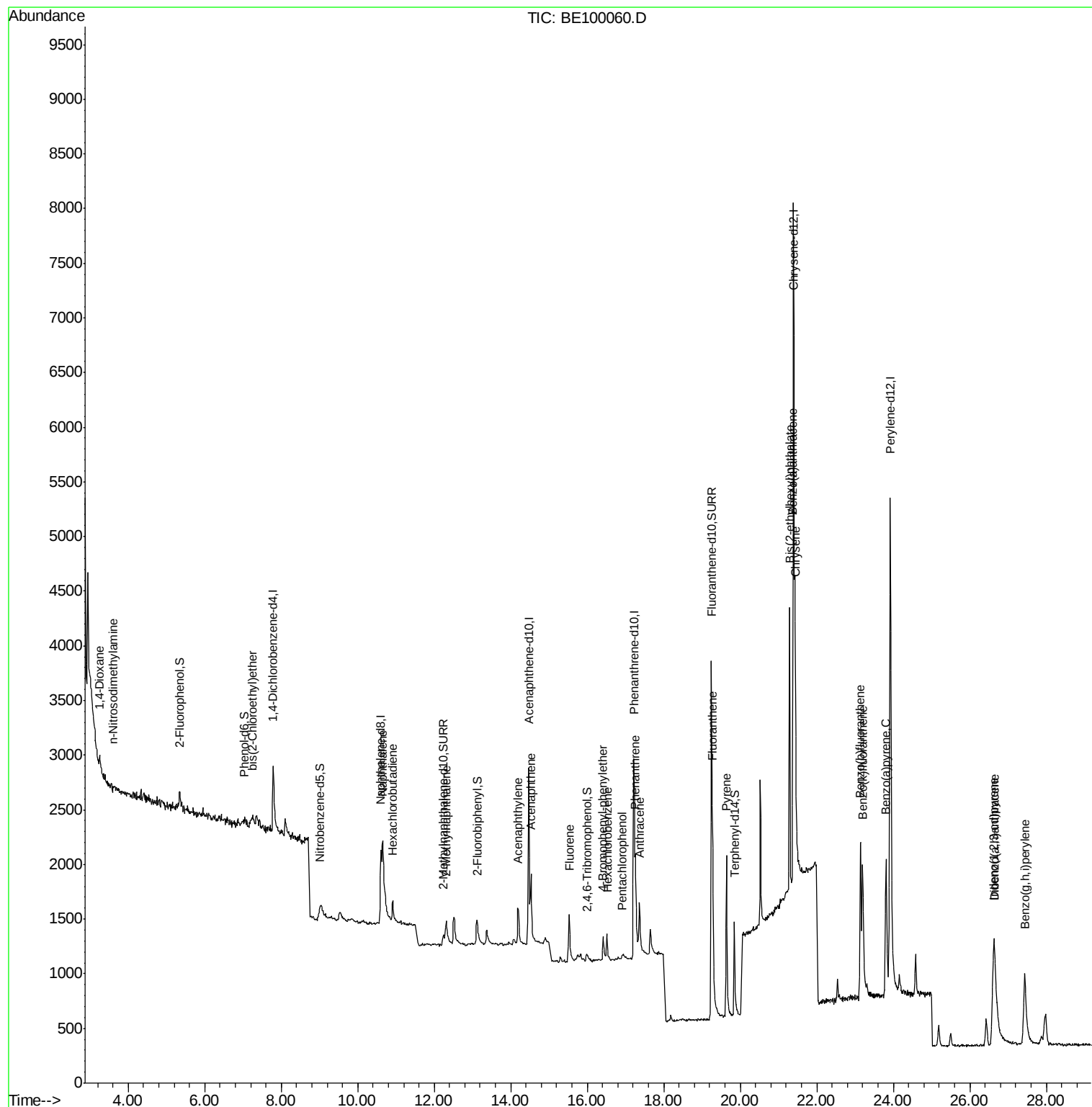
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	131	0.154	ng	91
3) n-Nitrosodimethylamine	3.61	42	26	0.053	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	287	0.176	ng	# 42
9) Naphthalene	10.65	128	2133	0.102	ng	# 84
10) Hexachlorobutadiene	10.91	225	179	0.112	ng	95
12) 2-Methylnaphthalene	12.31	142	271	0.080	ng	# 84
16) Acenaphthylene	14.18	152	704	0.091	ng	98
17) Acenaphthene	14.53	154	366	0.087	ng	96
18) Fluorene	15.53	166	540	0.086	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	268	0.100	ng	# 93
21) Hexachlorobenzene	16.52	284	284	0.104	ng	96
22) Pentachlorophenol	16.92	266	65	0.076	ng	92
23) Phenanthrene	17.25	178	1049	0.092	ng	99
24) Anthracene	17.36	178	770	0.073	ng	96
26) Fluoranthene	19.28	202	1851	0.095	ng	99
28) Pyrene	19.64	202	1969	0.088	ng	99
30) Benzo(a)anthracene	21.38	228	1999	0.078	ng	96
31) Chrysene	21.44	228	2727	0.103	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	4154	0.113	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.62	276	2602	0.083	ng	# 69
35) Benzo(b)fluoranthene	23.14	252	2315	0.089	ng	# 81
36) Benzo(k)fluoranthene	23.20	252	2664	0.098	ng	# 82
37) Benzo(a)pyrene	23.81	252	2437	0.095	ng	# 55
38) Dibenzo(a,h)anthracene	26.65	278	2013	0.078	ng	# 70
39) Benzo(g,h,i)perylene	27.43	276	2366	0.089	ng	# 86

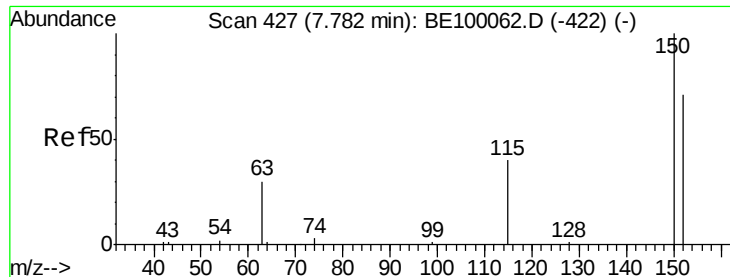
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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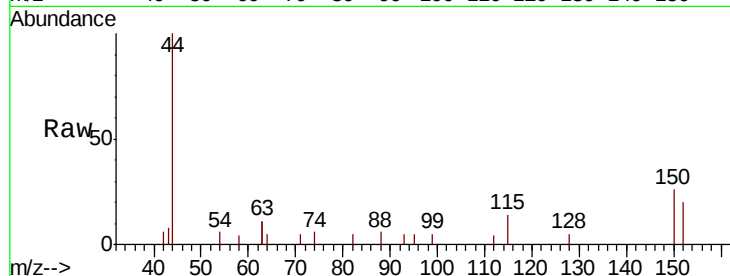




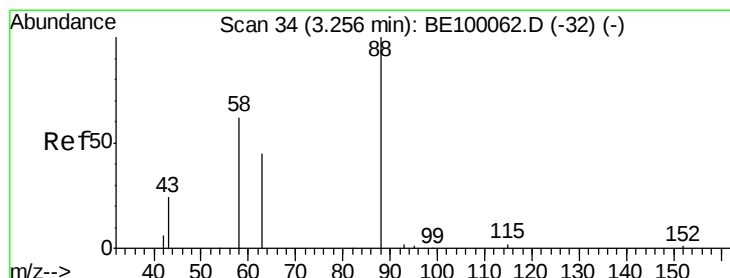
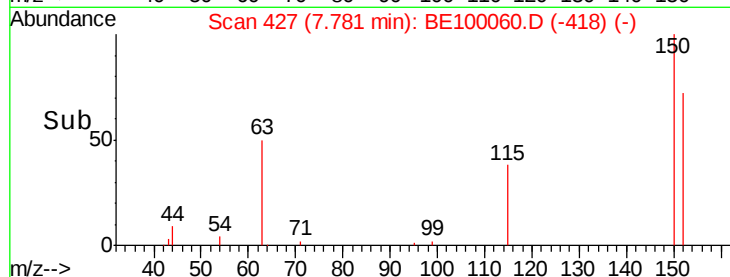
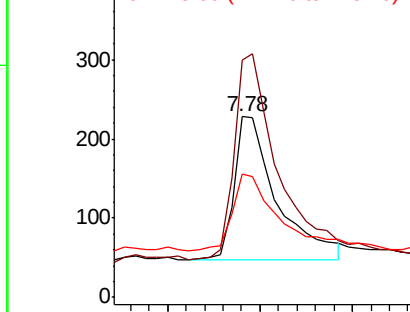
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 575
 Ion Ratio Lower Upper
 152 100
 150 131.6 109.5 164.3
 115 68.0 52.6 78.8

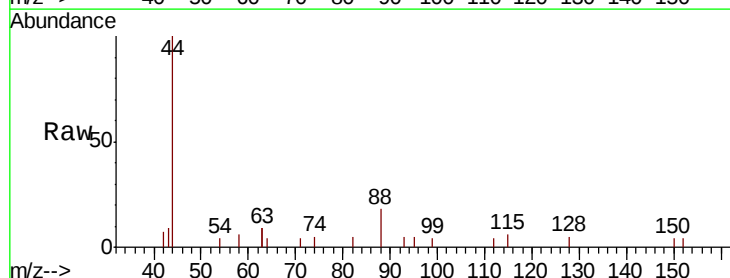


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

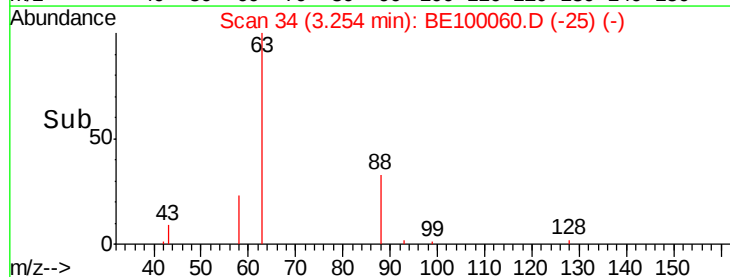
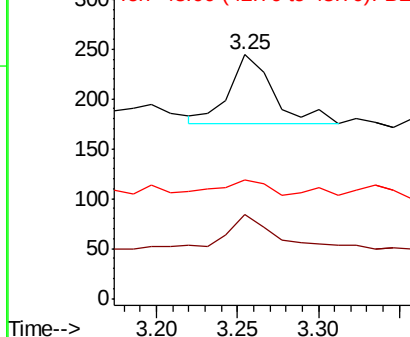


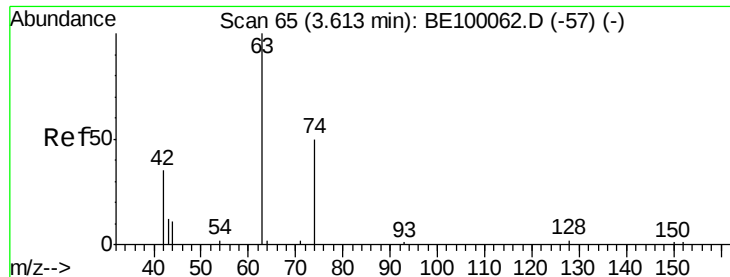
#2
 1,4-Dioxane
 Concen: 0.154 ng
 RT: 3.25 min Scan# 34
 Delta R.T. -0.00 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Tgt Ion: 88 Resp: 131
 Ion Ratio Lower Upper
 88 100
 58 58.8 41.9 62.9
 43 16.0 15.8 23.8



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: 0.053 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

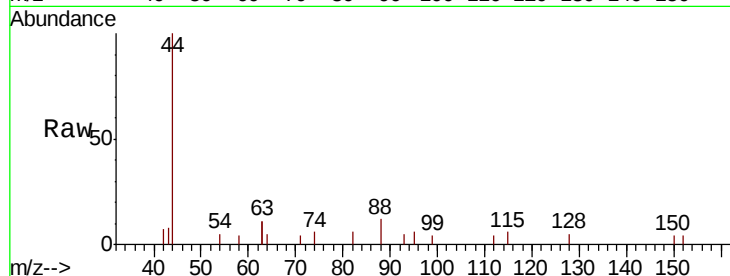
Tot Ion: 42 Resp: 26

Ion Ratio Lower Upper

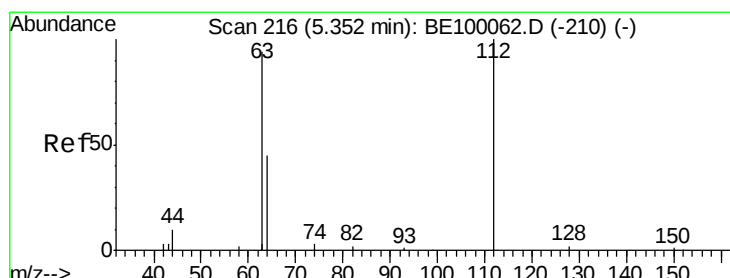
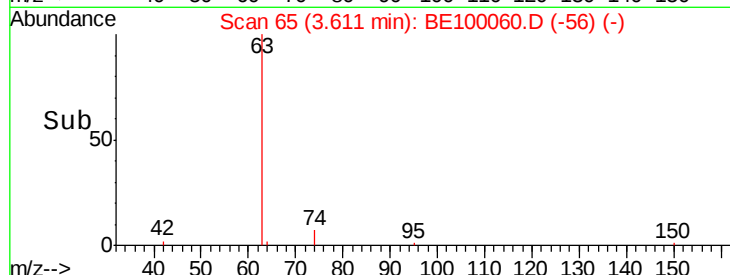
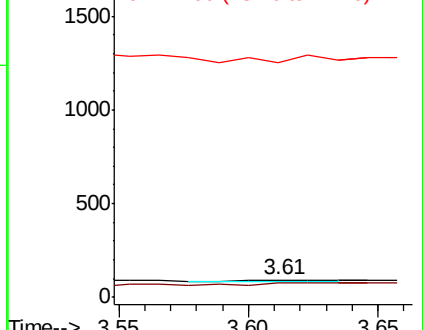
42 100

74 230.8 0.0 0.0#

44 450.0 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 0.099 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

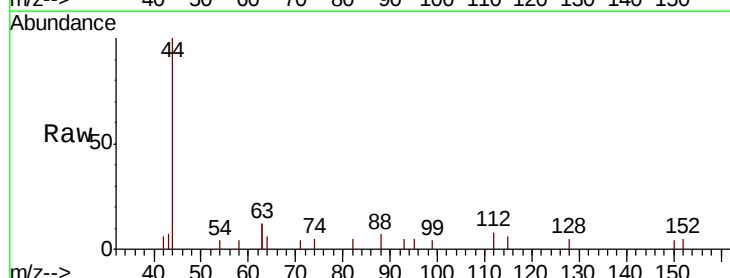
Tgt Ion: 112 Resp: 153

Ion Ratio Lower Upper

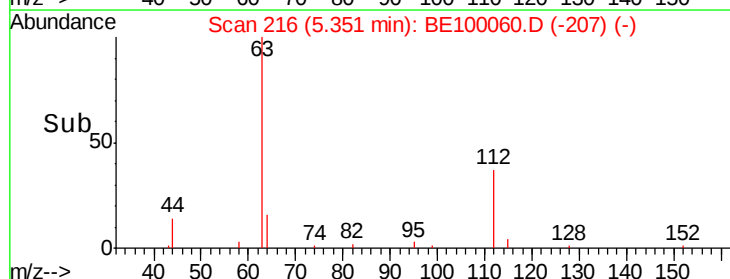
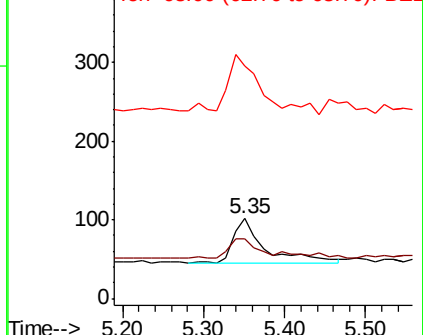
112 100

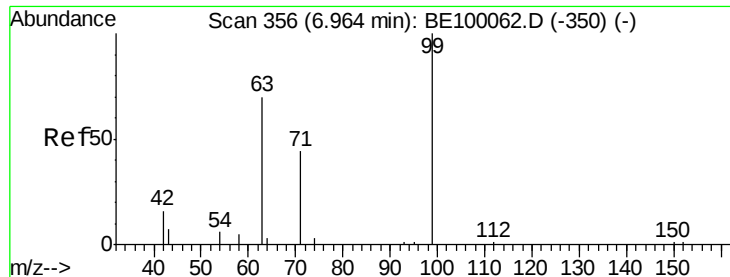
64 39.9 39.6 59.4

63 116.3 113.0 169.4



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: 0.079 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampled :

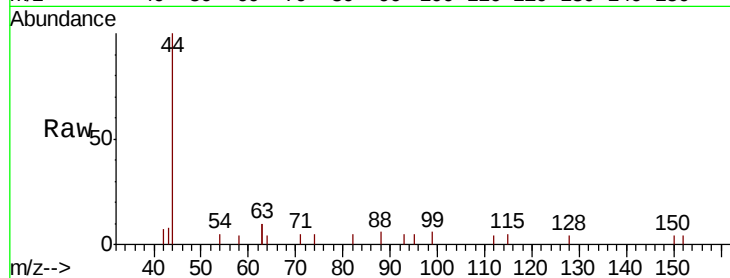
Tot Ion: 99 Resp: 158

Ion Ratio Lower Upper

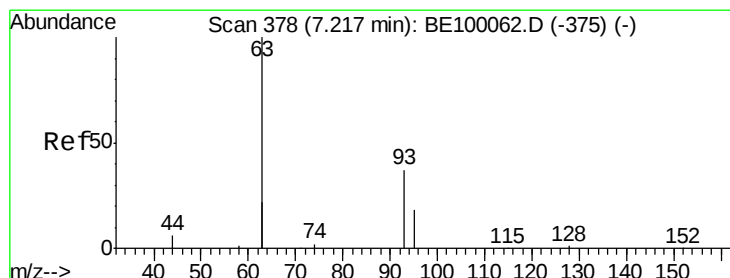
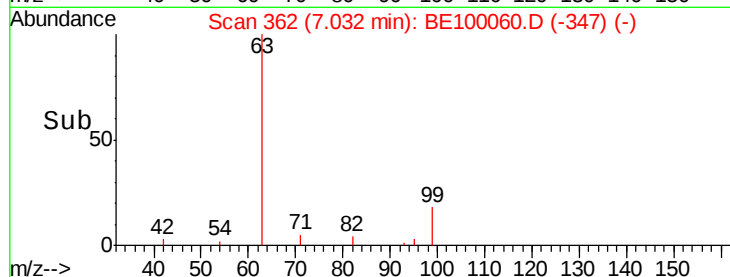
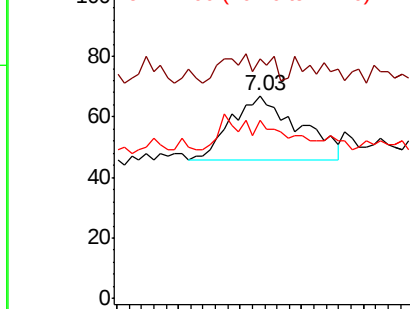
99 100

42 0.0 11.4 17.2#

71 0.0 32.8 49.2#



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: 0.176 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

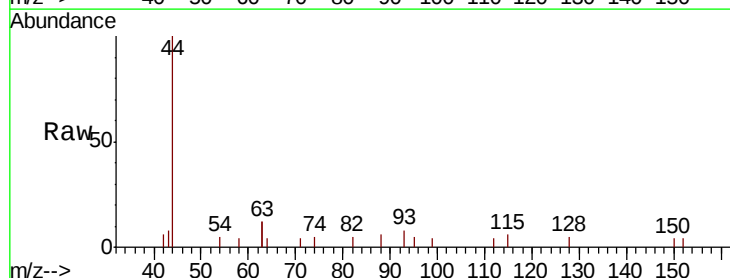
Tgt Ion: 93 Resp: 287

Ion Ratio Lower Upper

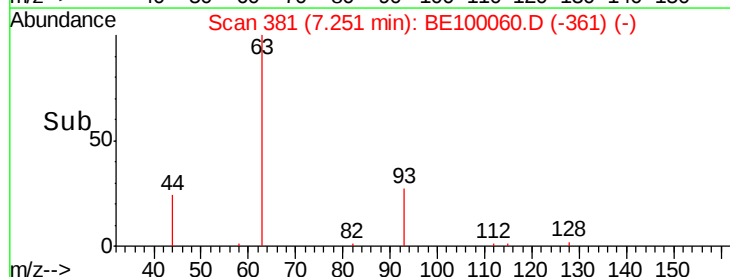
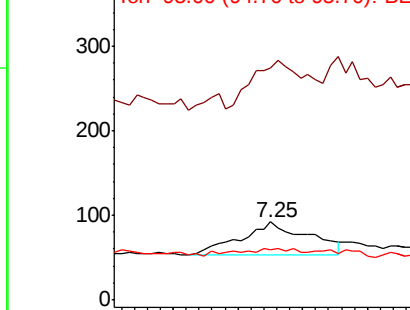
93 100

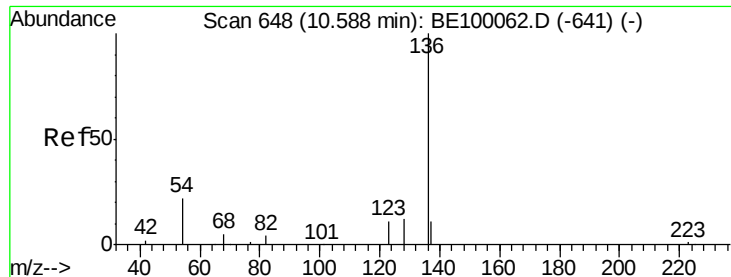
63 117.1 165.0 247.6#

95 0.0 26.5 39.7#



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: 10.60 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 1939

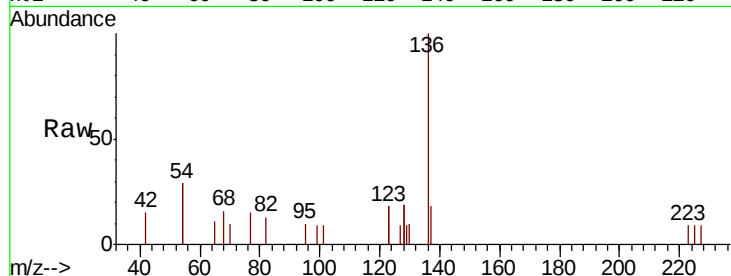
Ion Ratio Lower Upper

136 100

137 17.9 12.6 19.0

54 57.3 33.0 49.6#

68 15.6 8.6 12.8#

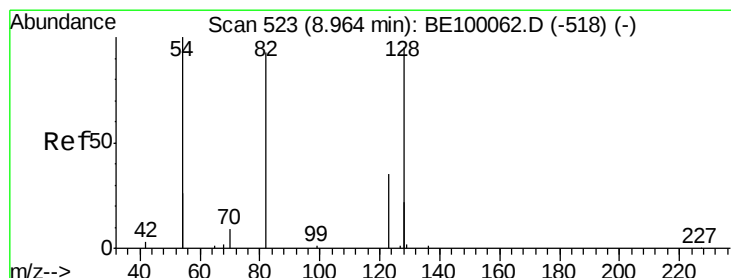
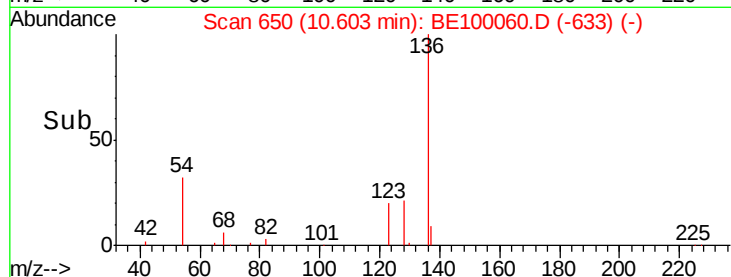
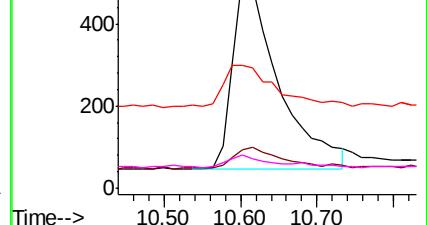


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.095 ng

RT: 9.02 min Scan# 528

Delta R.T. 0.05 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

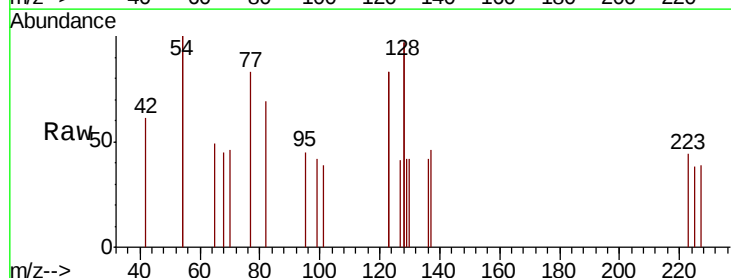
Tgt Ion: 82 Resp: 175

Ion Ratio Lower Upper

82 100

128 284.0 134.6 201.8#

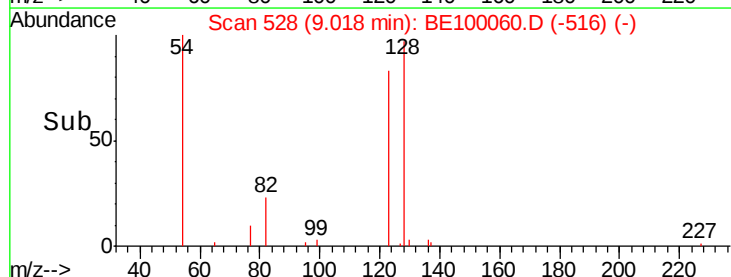
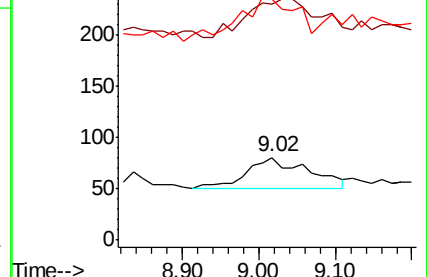
54 291.4 141.6 212.4#

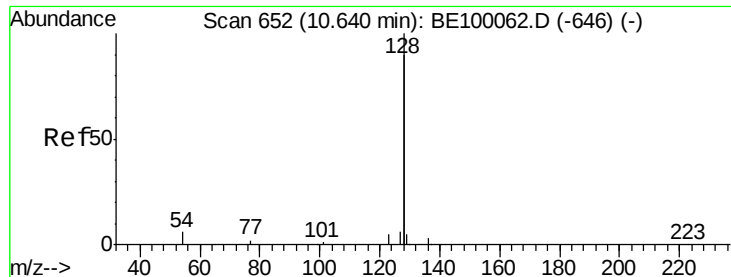


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.102 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

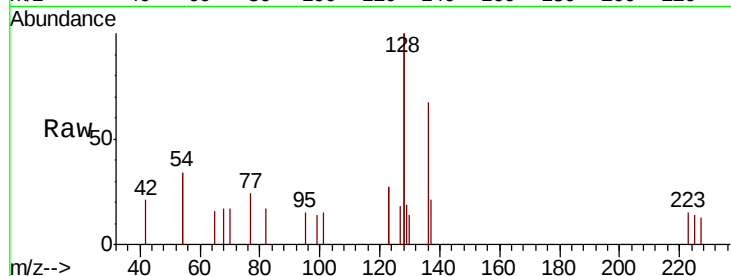
Tot Ion:128 Resp: 2133

Ion Ratio Lower Upper

128 100

129 9.4 3.0 4.4#

127 9.0 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.65

800

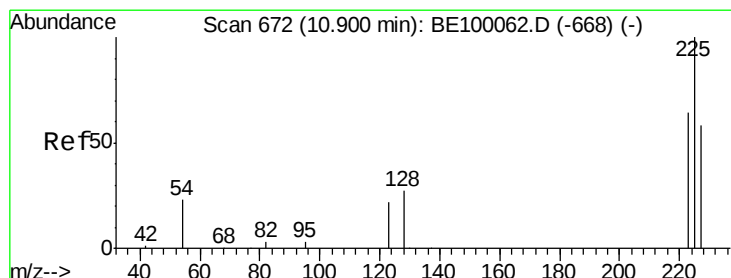
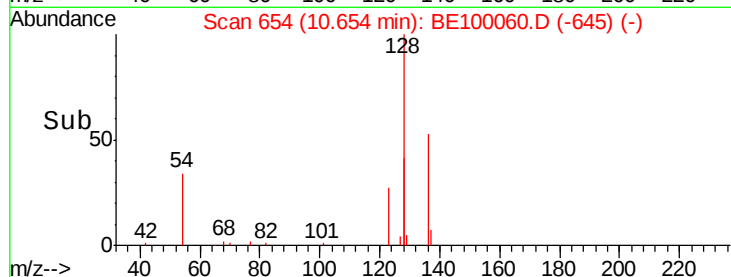
600

400

200

0

Time--> 10.50 10.60 10.70 10.80



#10

Hexachlorobutadiene

Concen: 0.112 ng

RT: 10.91 min Scan# 674

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

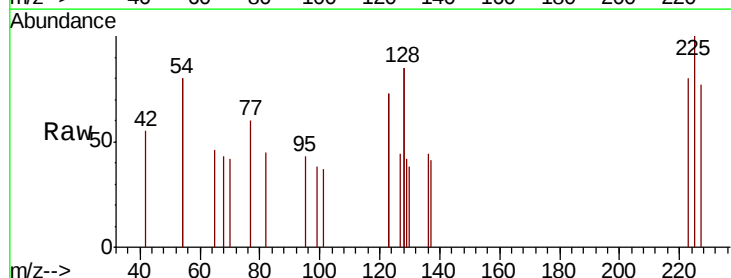
Tgt Ion:225 Resp: 179

Ion Ratio Lower Upper

225 100

223 64.8 51.1 76.7

227 58.1 51.9 77.9



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

10.91

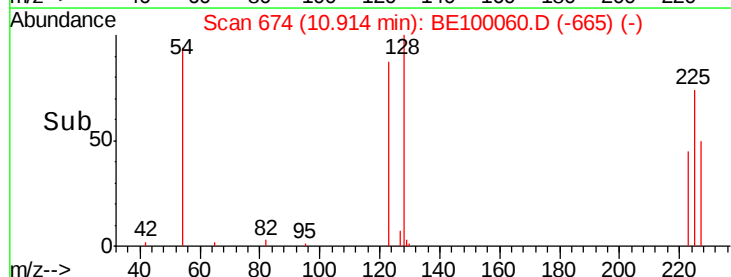
150

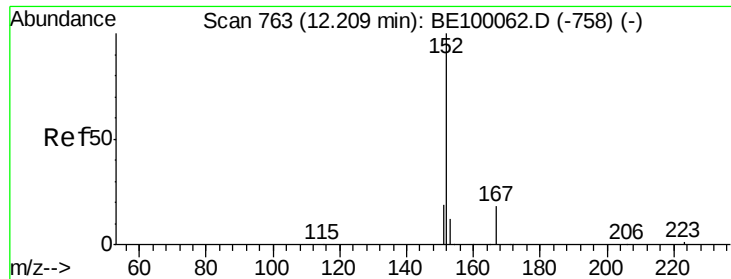
100

50

0

Time--> 10.80 10.90 11.00

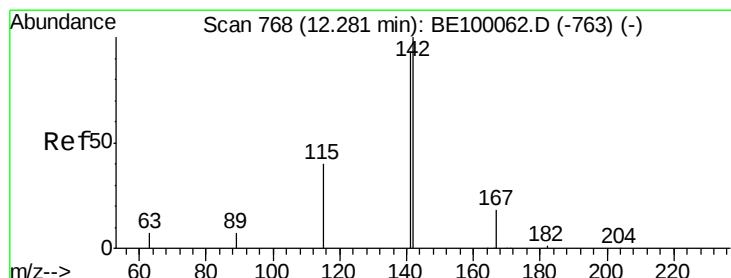
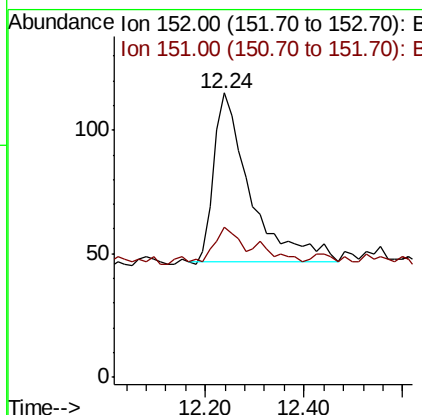
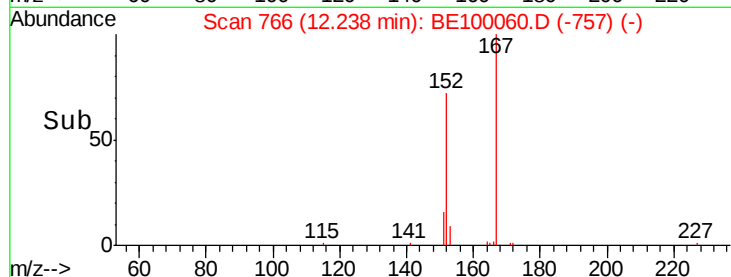
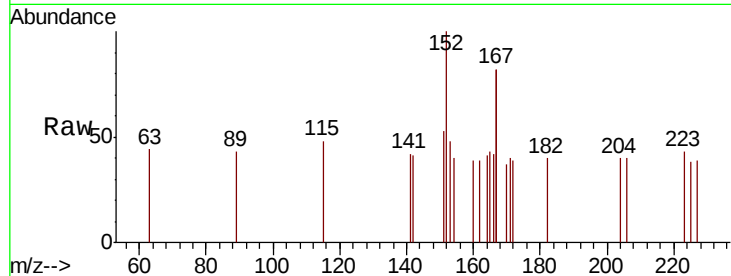




#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.24 min Scan# 766
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

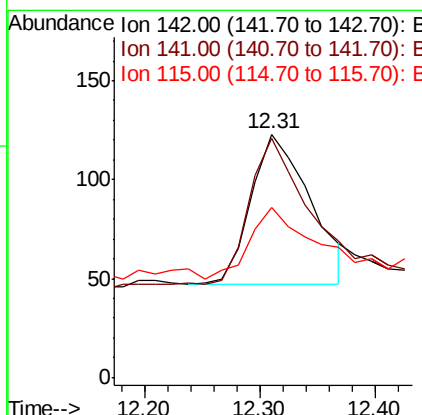
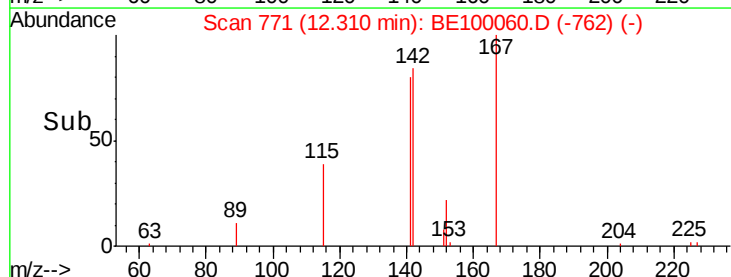
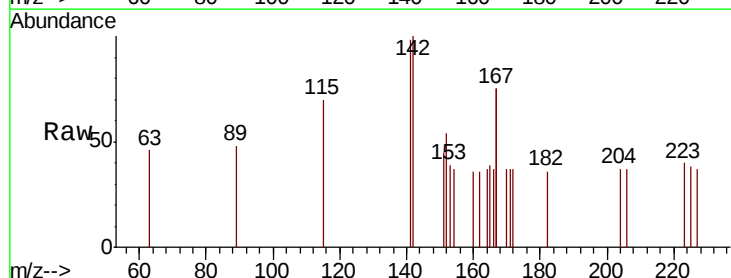
Instrument :
BNA_G
ClientSampleId :

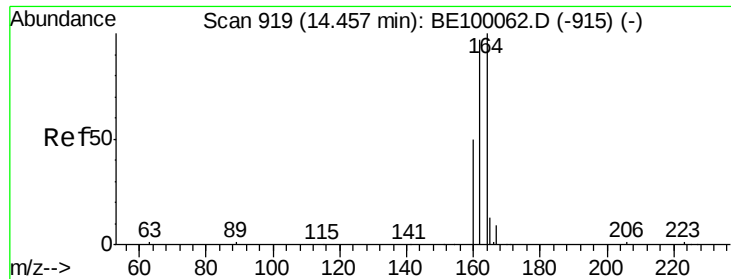
Tot Ion:152 Resp: 342
Ion Ratio Lower Upper
152 100
151 14.3 15.4 23.2#



#12
2-Methylnaphthalene
Concen: 0.080 ng
RT: 12.31 min Scan# 771
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:142 Resp: 271
Ion Ratio Lower Upper
142 100
141 98.4 74.2 111.4
115 69.9 36.5 54.7#

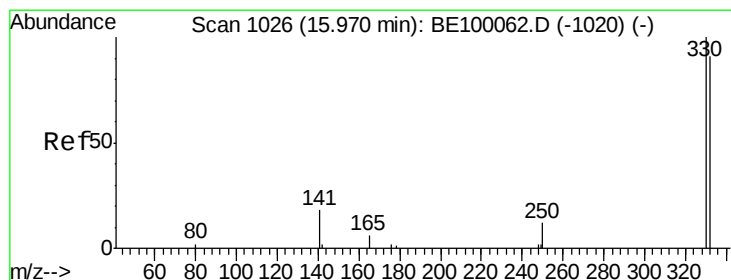
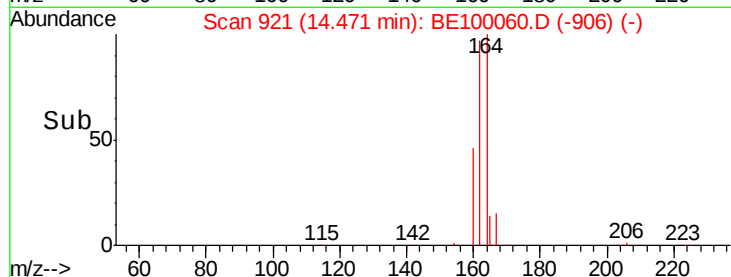
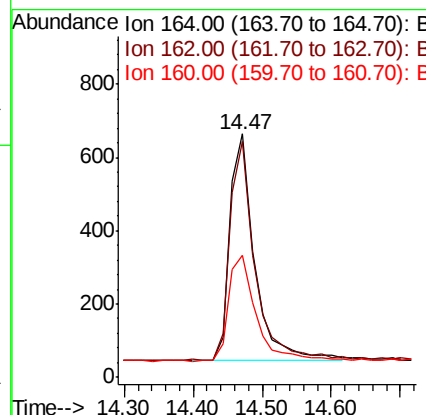
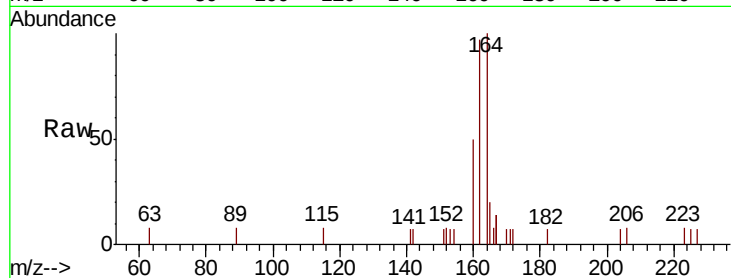




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

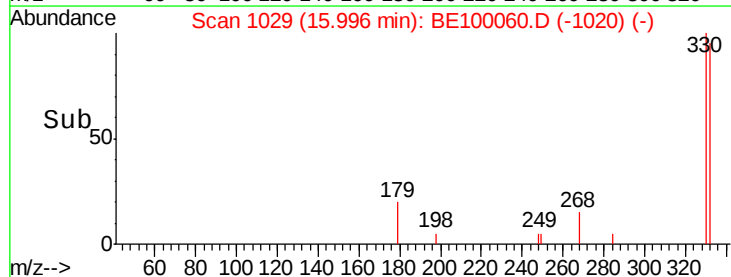
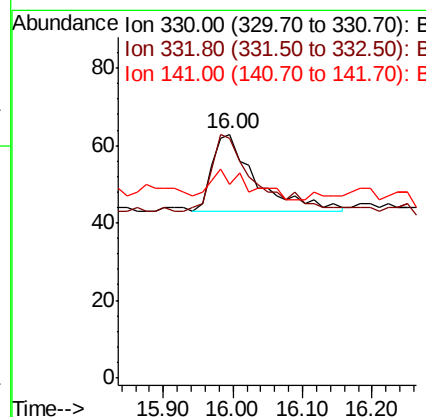
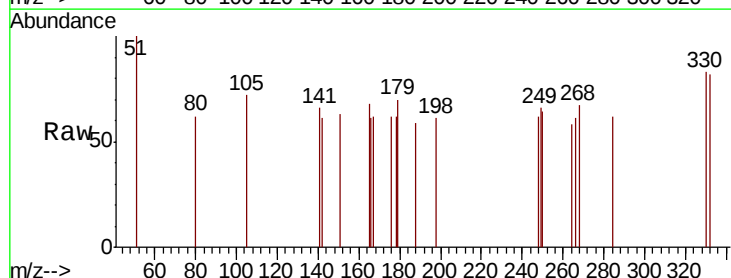
Instrument :
 BNA_G
 ClientSampleId :

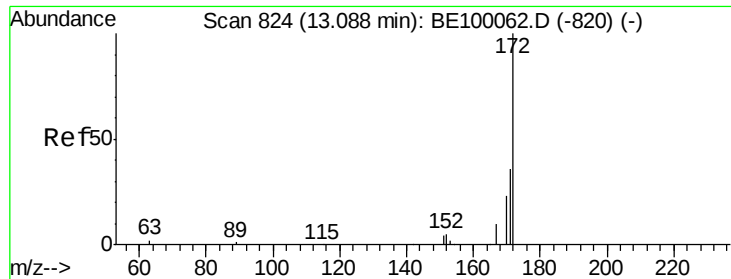
Tot Ion:164 Resp: 1551
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.6 116.4
 160 50.0 41.7 62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.077 ng
 RT: 16.00 min Scan# 1029
 Delta R.T. 0.03 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Tgt Ion:330 Resp: 88
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.7 112.1
 141 34.1 20.3 30.5#

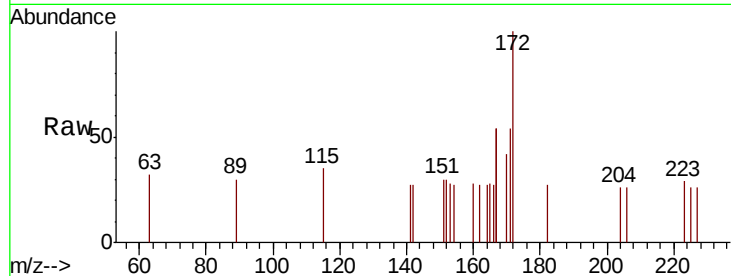




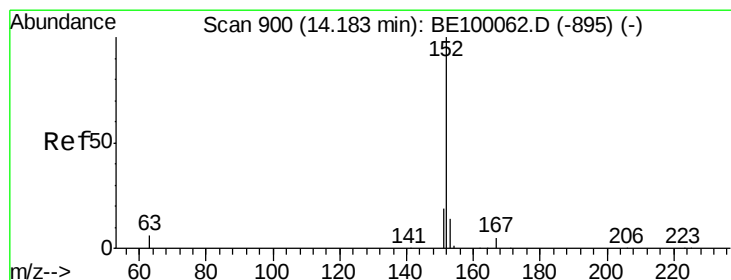
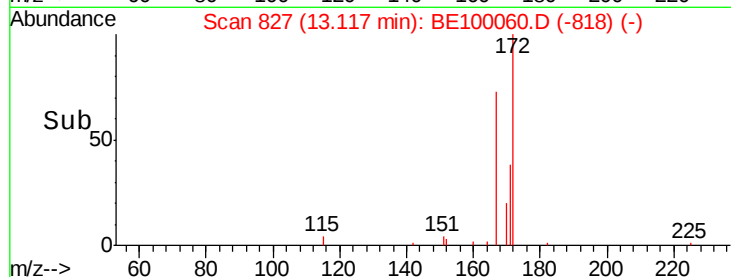
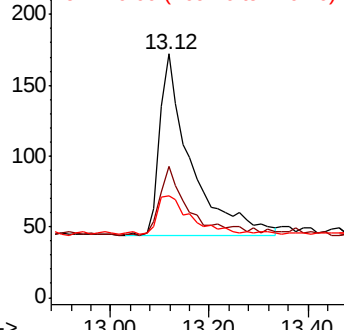
#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 558
Ion Ratio Lower Upper
172 100
171 54.1 31.0 46.6#
170 41.9 21.3 31.9#

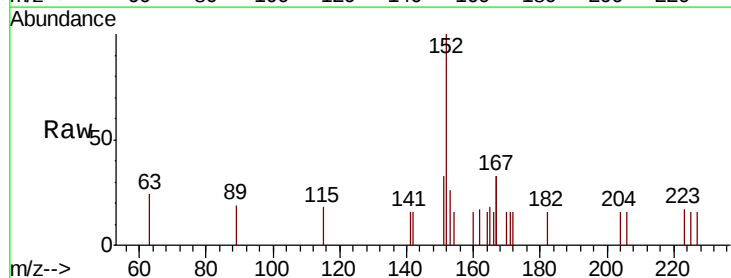


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

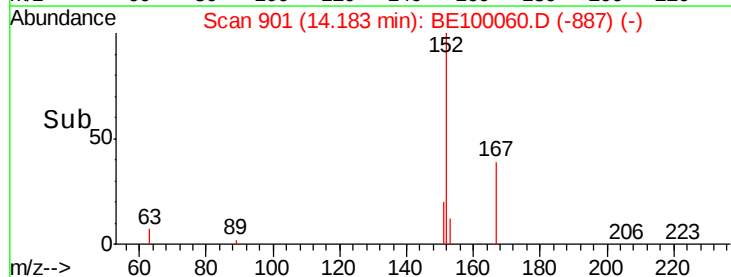
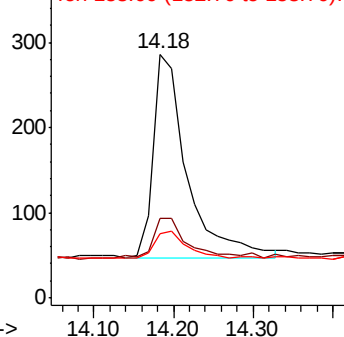


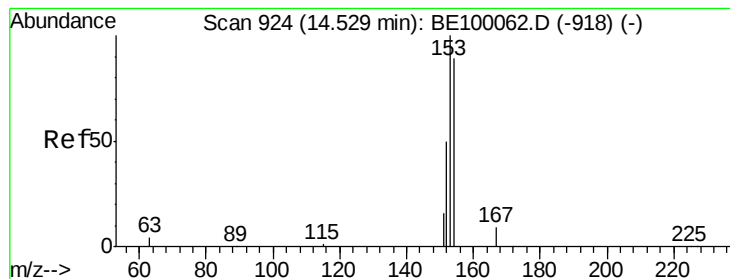
#16
Acenaphthylene
Concen: 0.091 ng
RT: 14.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:152 Resp: 704
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 12.6 11.1 16.7



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: 0.087 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

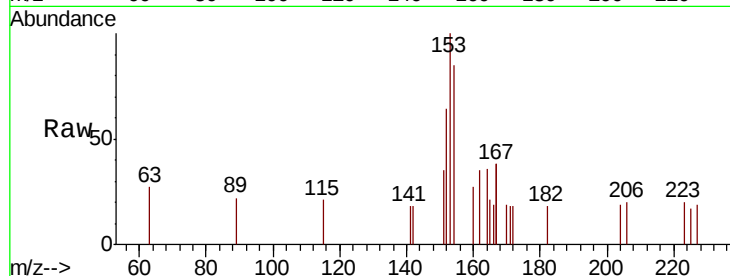
Tot Ion:154 Resp: 366

Ion Ratio Lower Upper

154 100

153 122.1 94.3 141.5

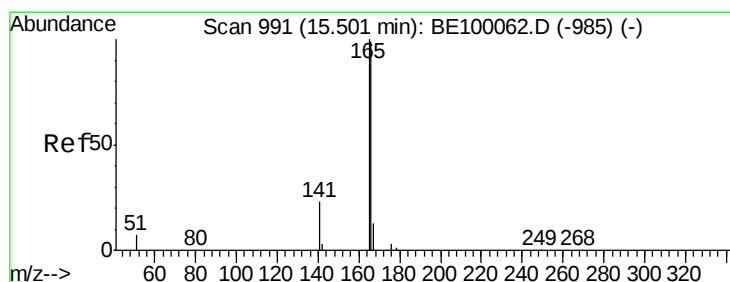
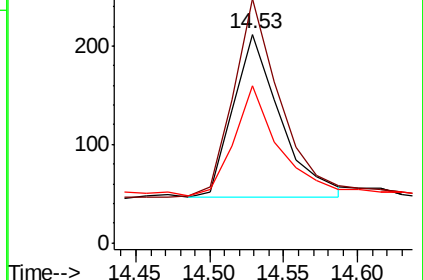
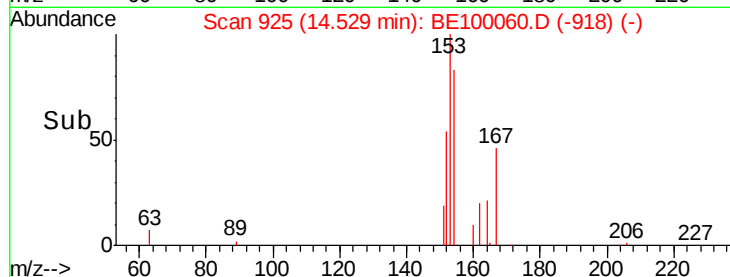
152 63.9 49.0 73.6



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: 0.086 ng

RT: 15.53 min Scan# 994

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

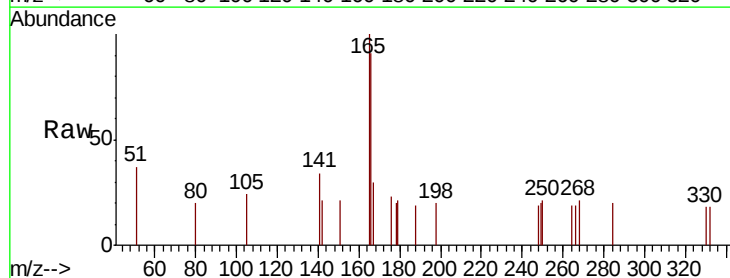
Tgt Ion:166 Resp: 540

Ion Ratio Lower Upper

166 100

165 106.3 82.3 123.5

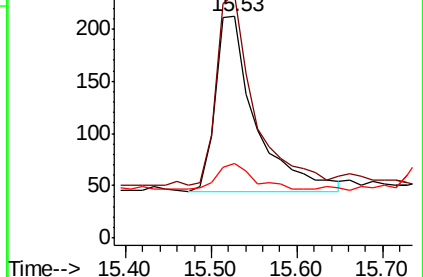
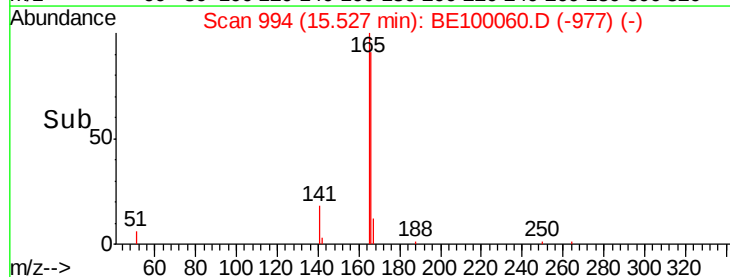
167 14.3 11.0 16.4

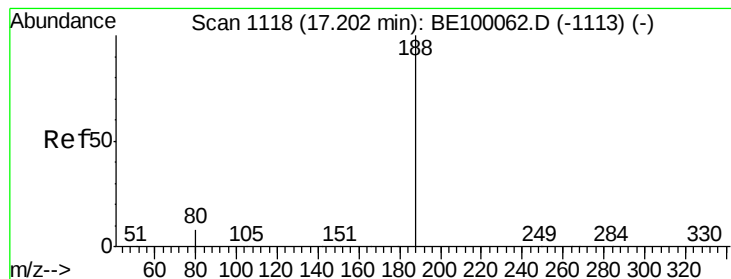


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

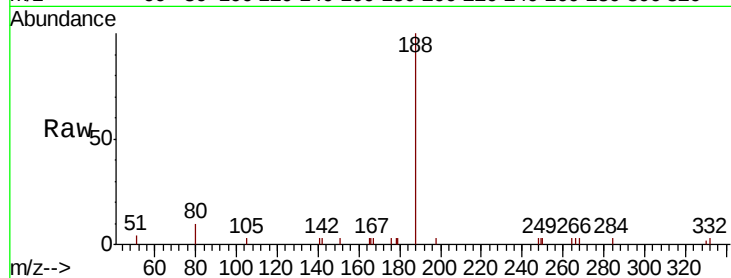
Tot Ion:188 Resp: 4721

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

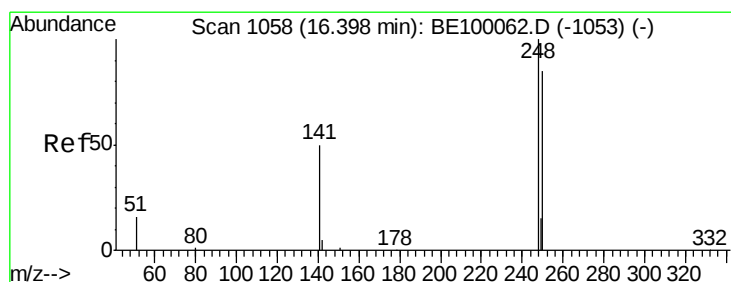
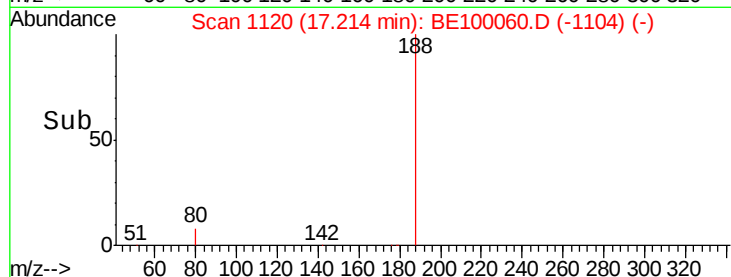
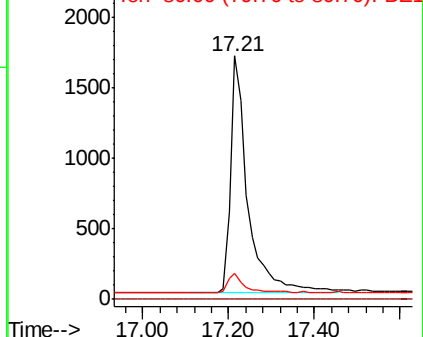
80 10.5 8.2 12.4



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: 0.100 ng

RT: 16.41 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

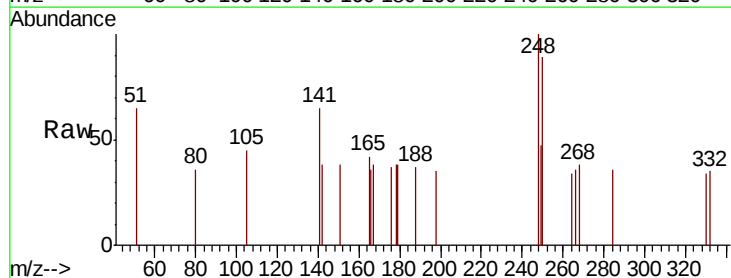
Tgt Ion:248 Resp: 268

Ion Ratio Lower Upper

248 100

250 89.2 69.8 104.8

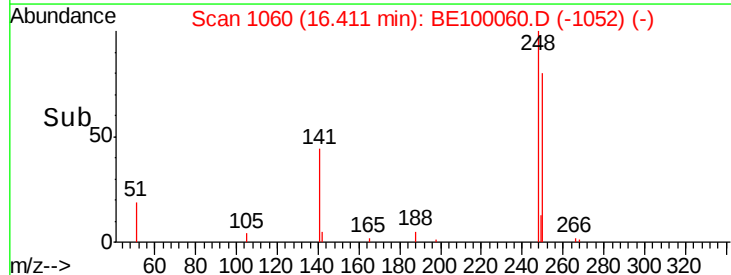
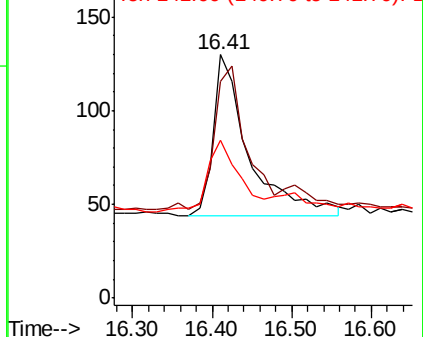
141 64.6 43.0 64.6#

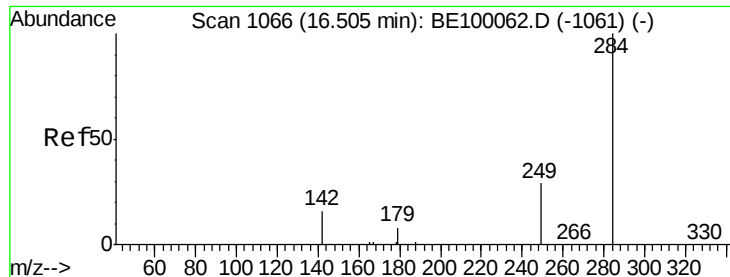


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.104 ng

RT: 16.52 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

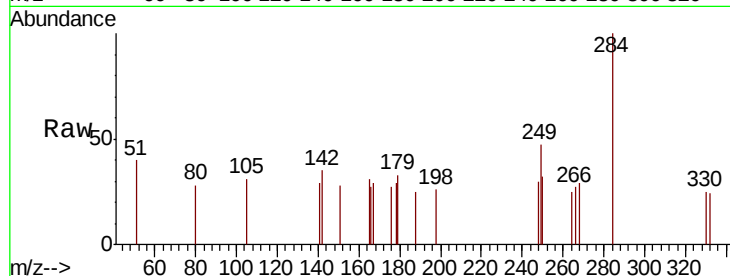
Tot Ion:284 Resp: 284

Ion Ratio Lower Upper

284 100

142 24.3 20.3 30.5

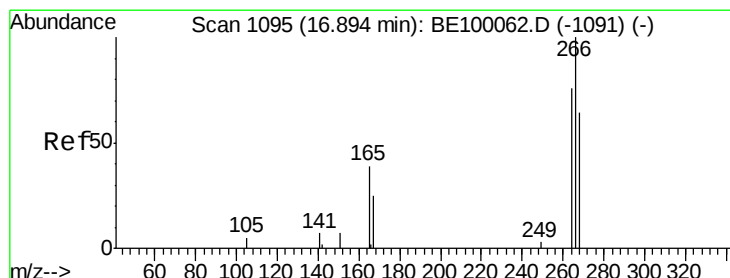
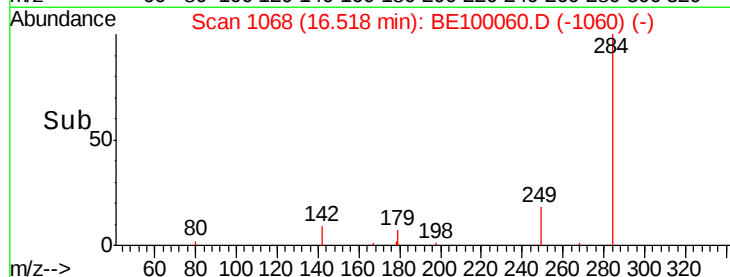
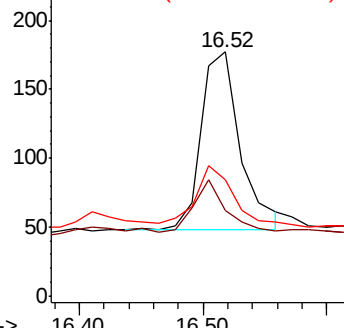
249 28.2 25.3 37.9



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: 0.076 ng

RT: 16.92 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

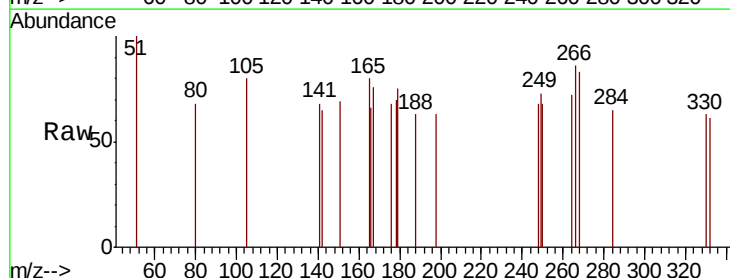
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

264 83.6 68.6 102.8

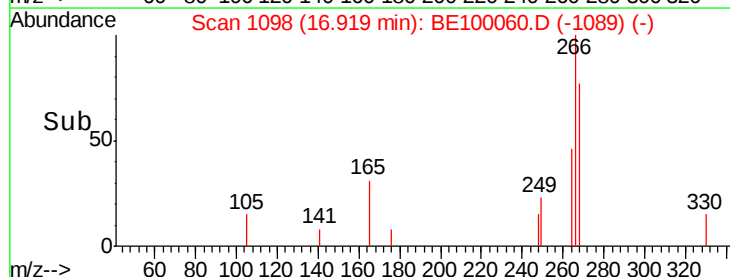
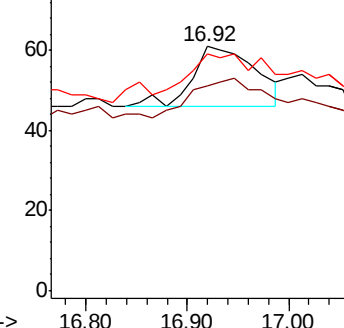
268 96.7 67.0 100.6

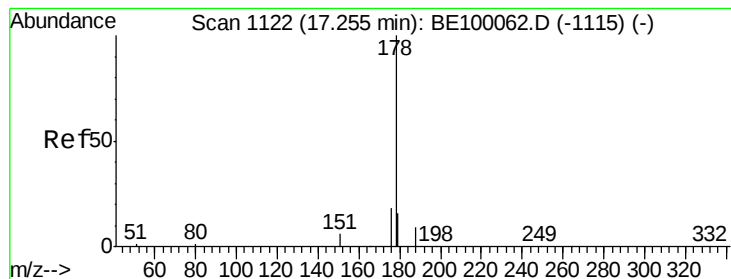


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.092 ng

RT: 17.25 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

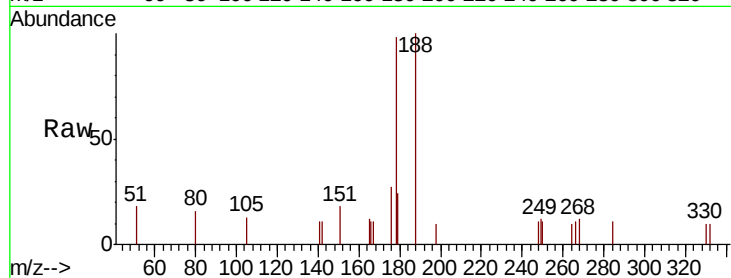
Tot Ion:178 Resp: 1049

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.4 12.4 18.6

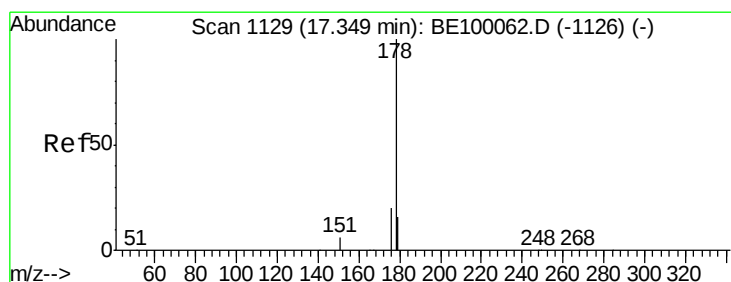
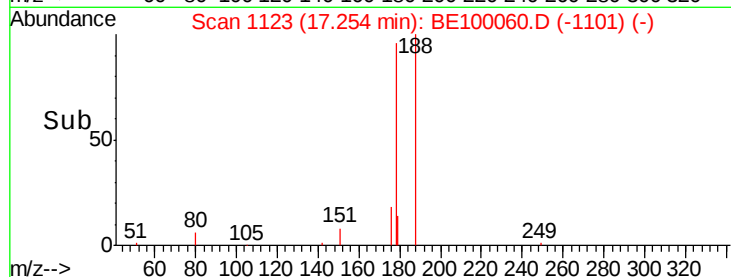
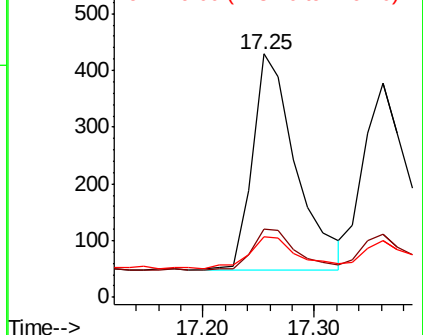


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.073 ng

RT: 17.36 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

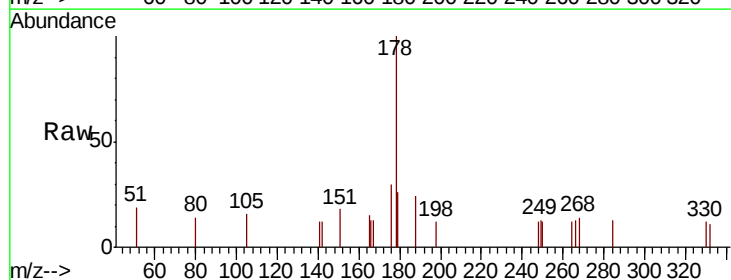
Tgt Ion:178 Resp: 770

Ion Ratio Lower Upper

178 100

176 20.9 14.6 21.8

179 15.2 12.6 19.0

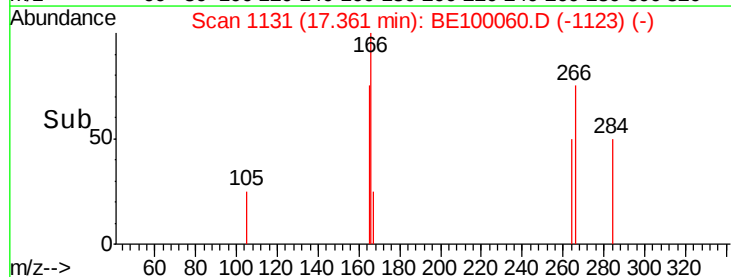
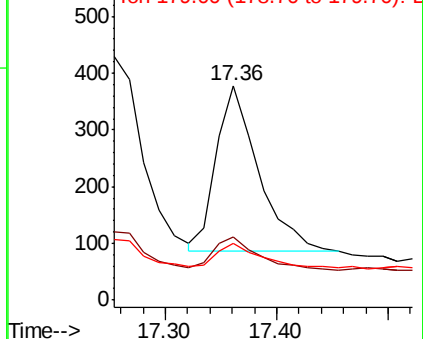


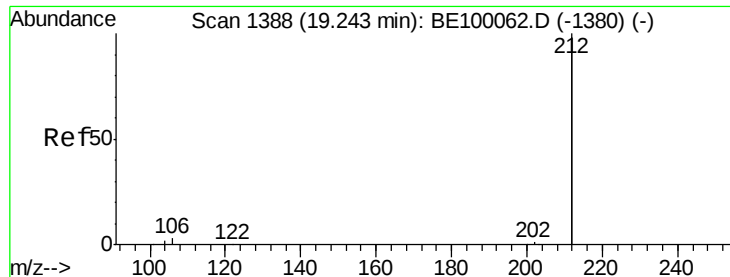
Abundance

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: 0.096 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

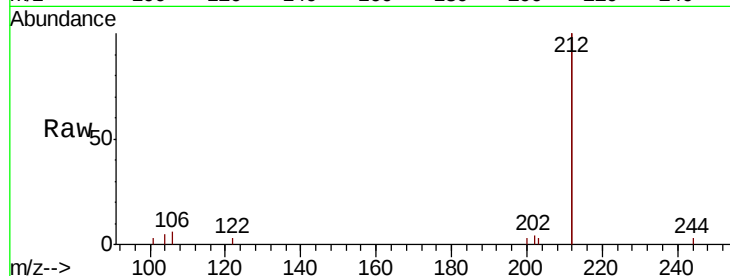
Tot Ion:212 Resp: 6576

Ion Ratio Lower Upper

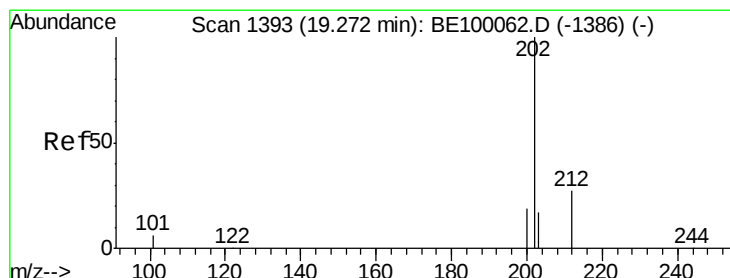
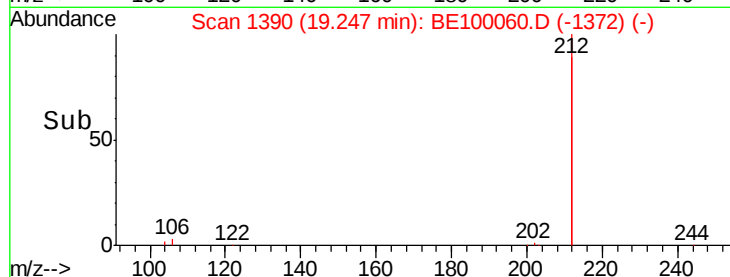
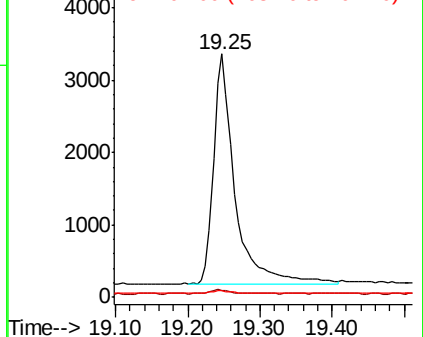
212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3



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



#26

Fluoranthene

Concen: 0.095 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

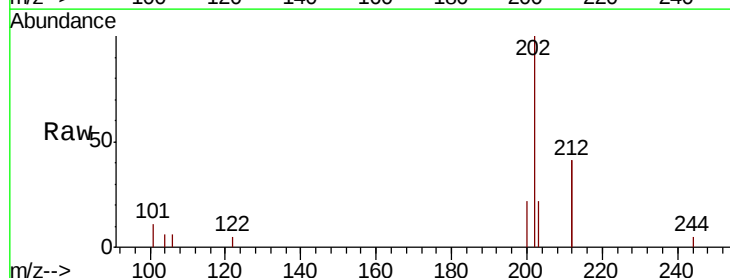
Tgt Ion:202 Resp: 1851

Ion Ratio Lower Upper

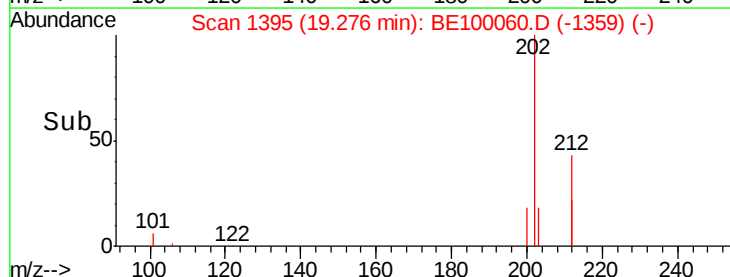
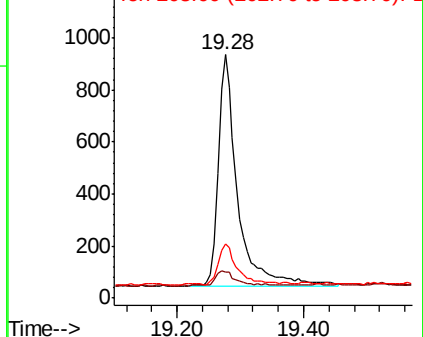
202 100

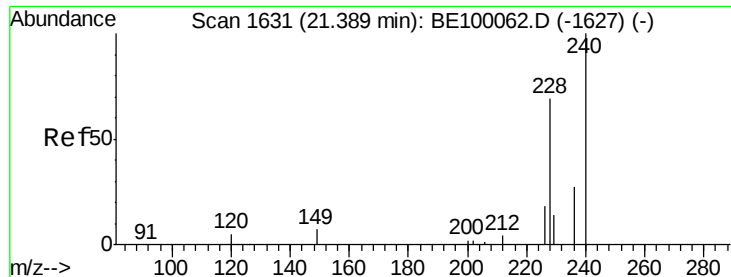
101 6.5 5.3 7.9

203 17.2 13.3 19.9



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

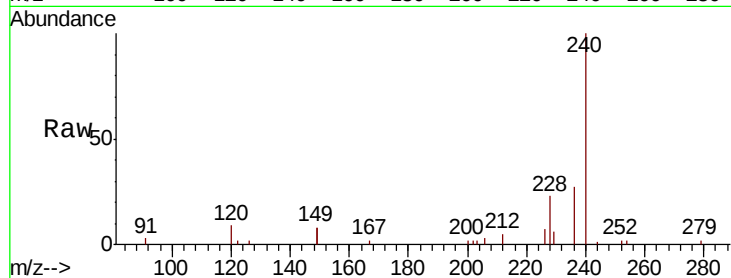
Tot Ion:240 Resp: 8539

Ion Ratio Lower Upper

240 100

120 8.5 5.4 8.0#

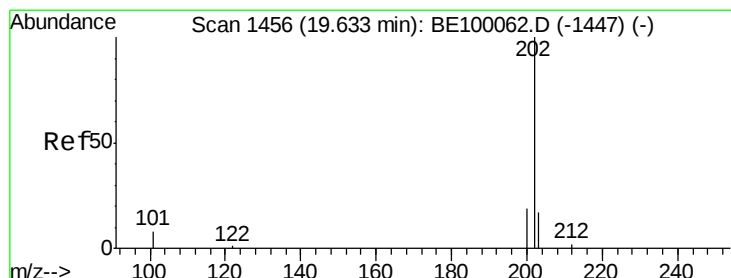
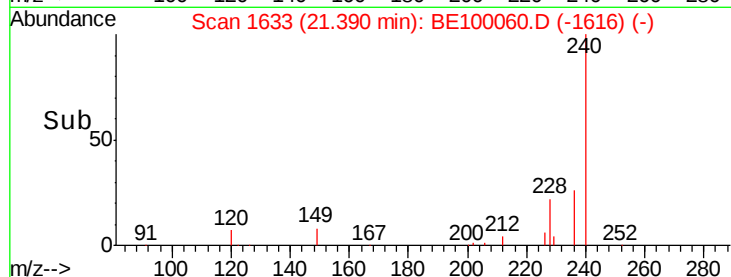
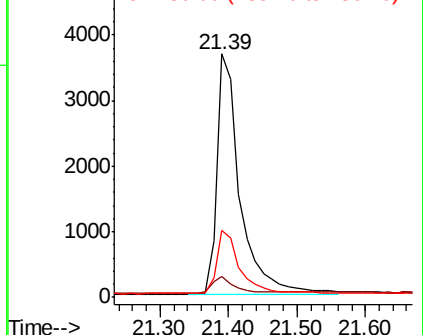
236 27.4 22.6 33.8



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: 0.088 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

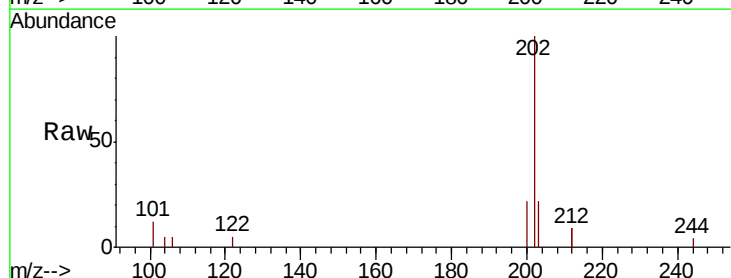
Tgt Ion:202 Resp: 1969

Ion Ratio Lower Upper

202 100

200 19.3 15.6 23.4

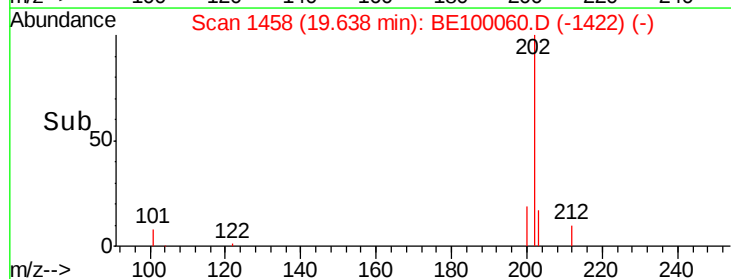
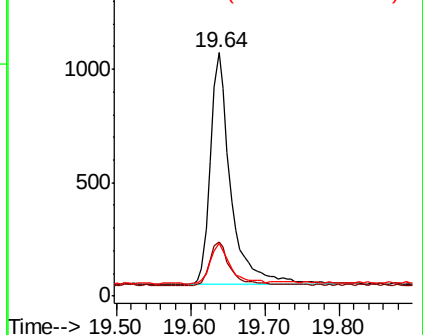
203 17.2 14.0 21.0

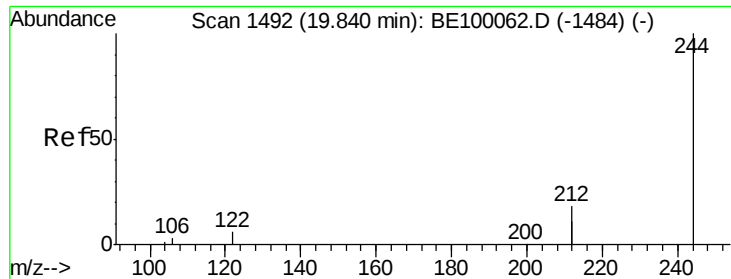


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

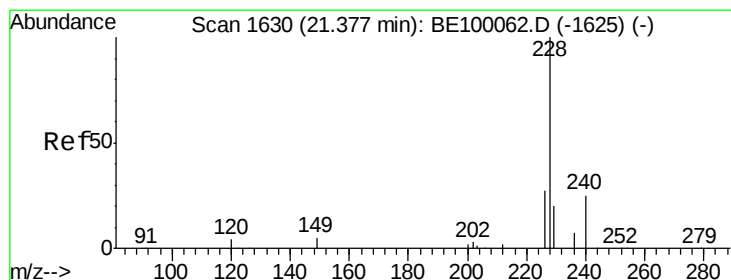
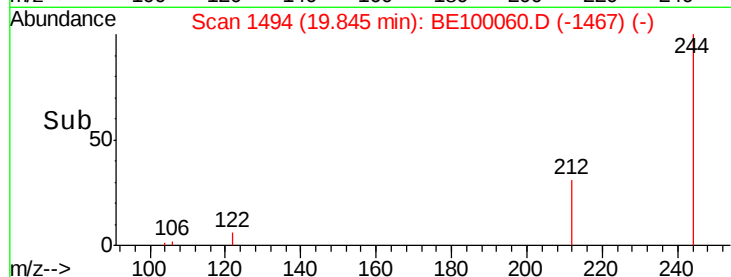
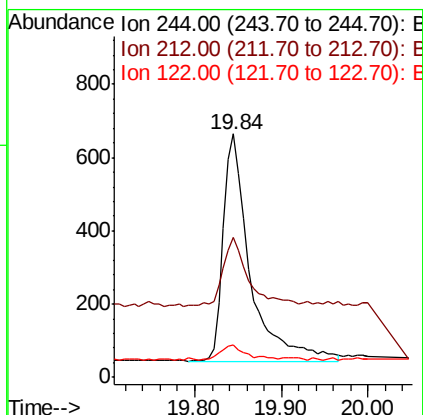
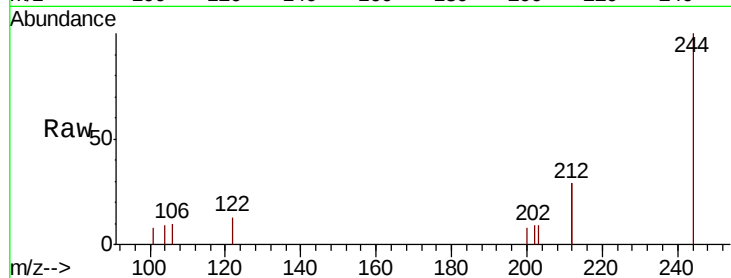




#29
 Terphenyl-d14
 Concen: 0.087 ng
 RT: 19.84 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

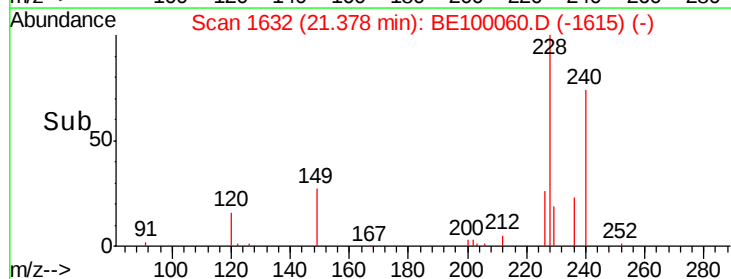
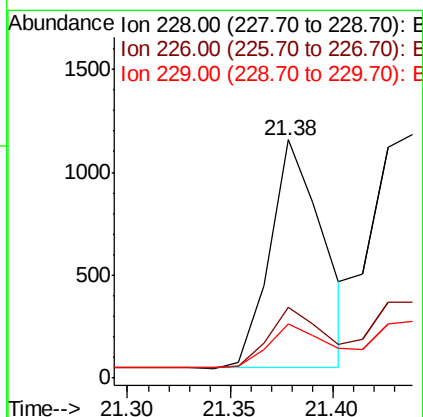
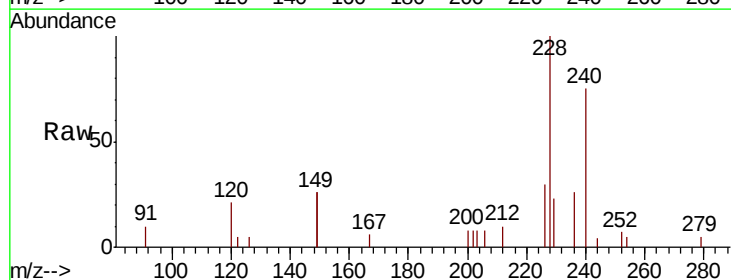
Instrument :
 BNA_G
 ClientSampleId :

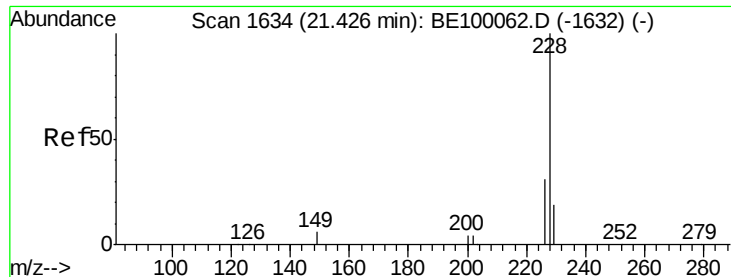
Tot Ion:244 Resp: 1343
 Ion Ratio Lower Upper
 244 100
 212 57.4 27.9 41.9#
 122 13.1 5.8 8.6#



#30
 Benzo(a)anthracene
 Concen: 0.078 ng
 RT: 21.38 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Tgt Ion:228 Resp: 1999
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.1 33.1
 229 22.6 16.9 25.3





#31

Chrysene

Concen: 0.103 ng

RT: 21.44 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

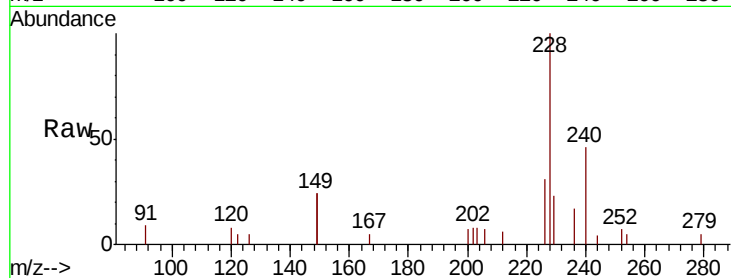
Tot Ion:228 Resp: 2727

Ion Ratio Lower Upper

228 100

226 31.4 24.1 36.1

229 23.5 15.8 23.8

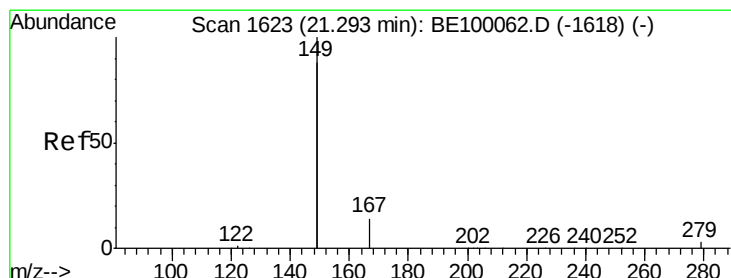
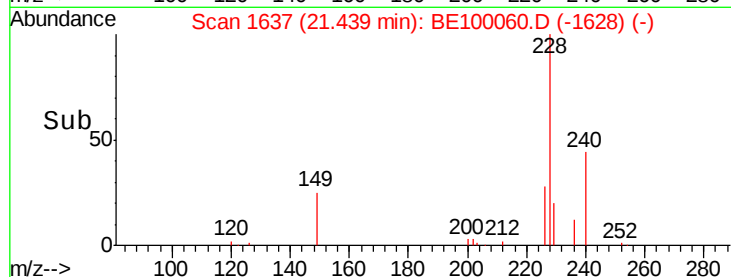
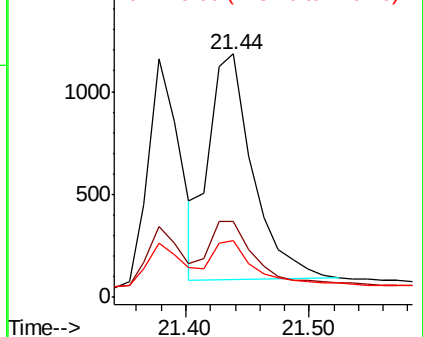


Abundance

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: 0.113 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

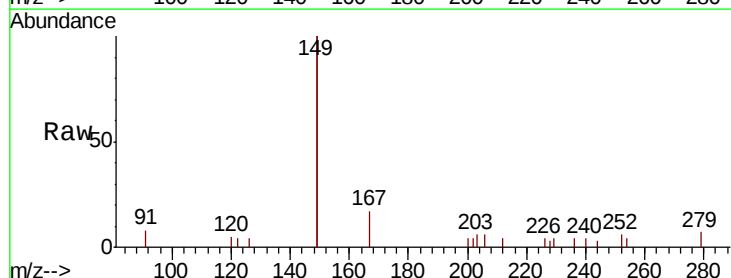
Tgt Ion:149 Resp: 4154

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 2.3 1.0 1.6#

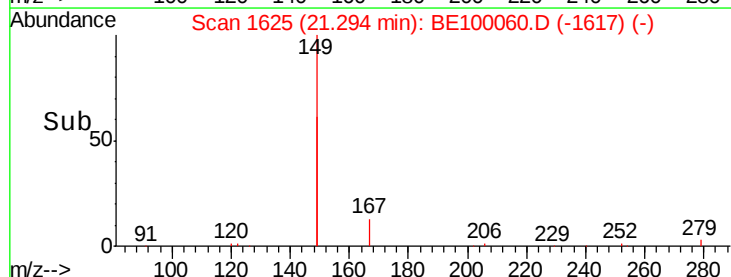
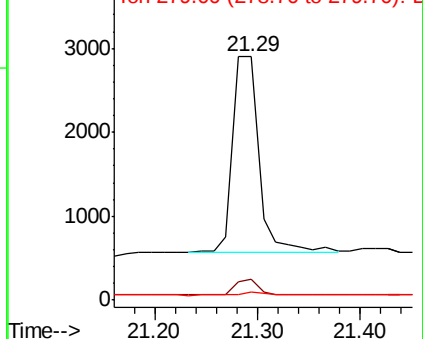


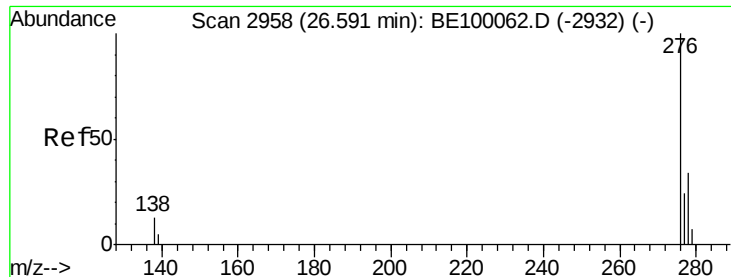
Abundance

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

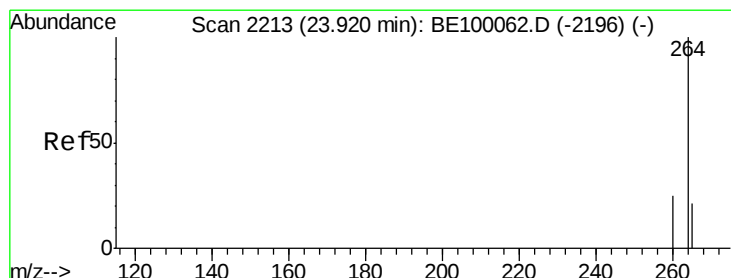
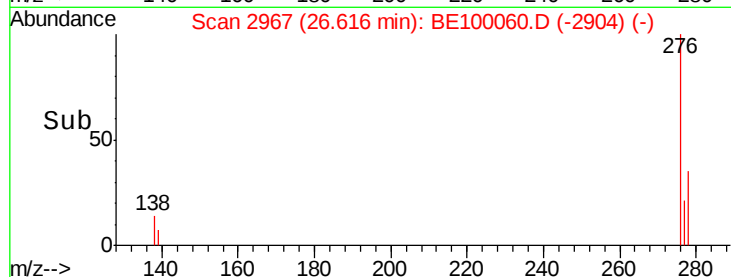
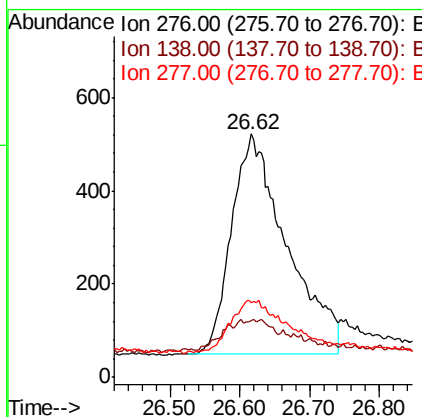
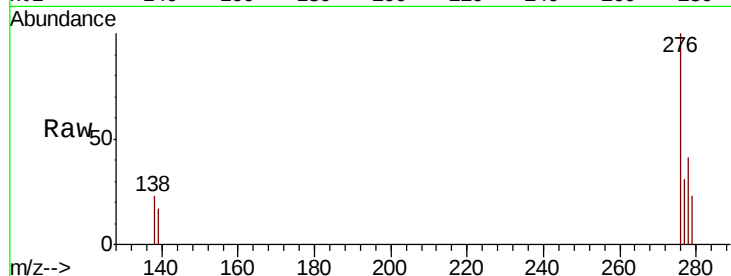




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng
 RT: 26.62 min Scan# 2967
 Delta R.T. 0.02 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

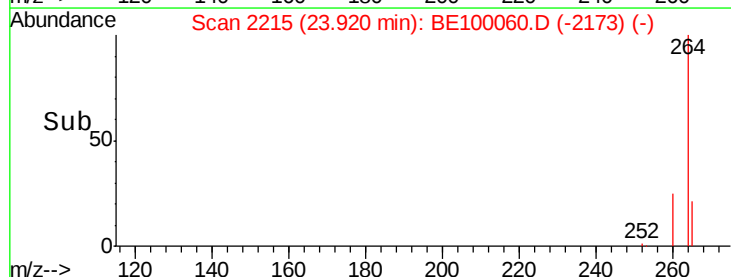
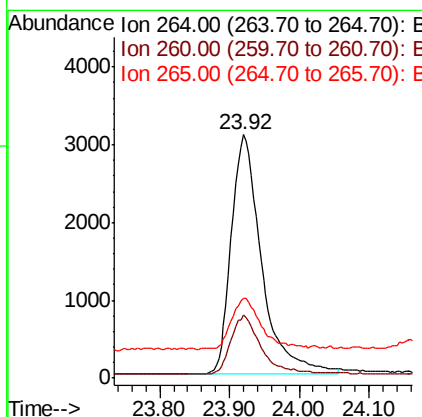
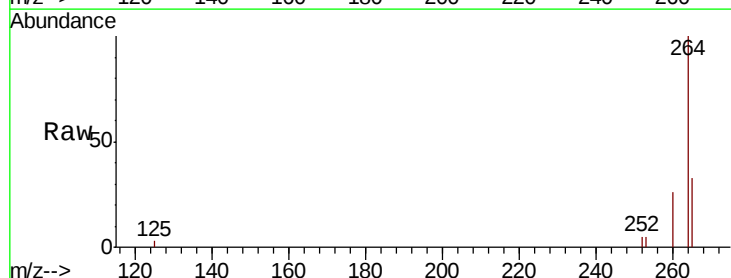
Instrument :
 BNA_G
 ClientSampleId :

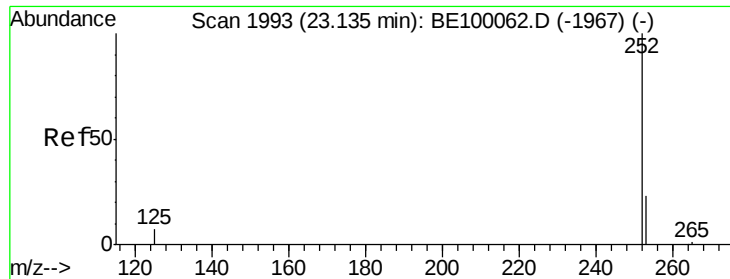
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.7	16.1#
277	9.0	19.0	28.6#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	32.6	23.6	35.4





#35

Benzo(b)fluoranthene

Concen: 0.089 ng

RT: 23.14 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

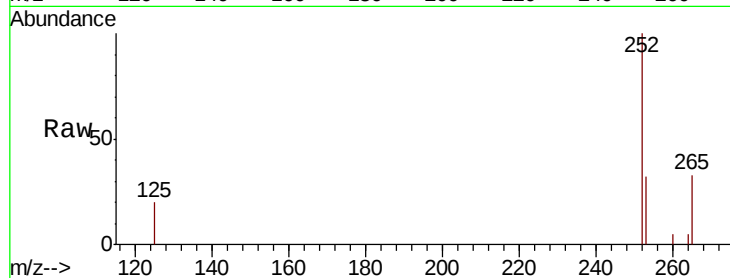
Tot Ion:252 Resp: 2315

Ion Ratio Lower Upper

252 100

253 32.0 19.6 29.4#

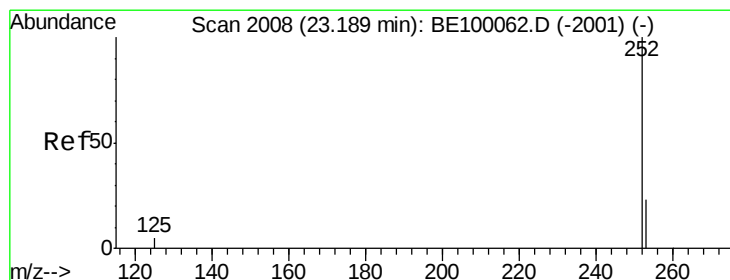
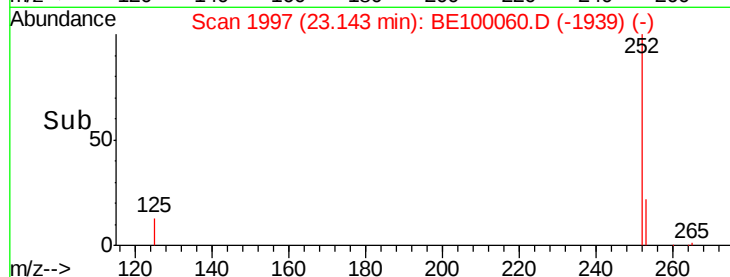
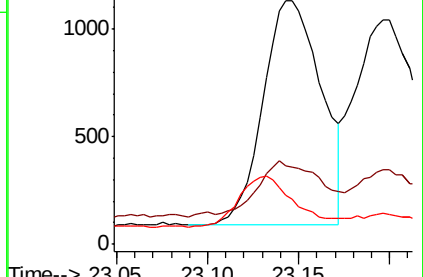
125 20.2 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.098 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

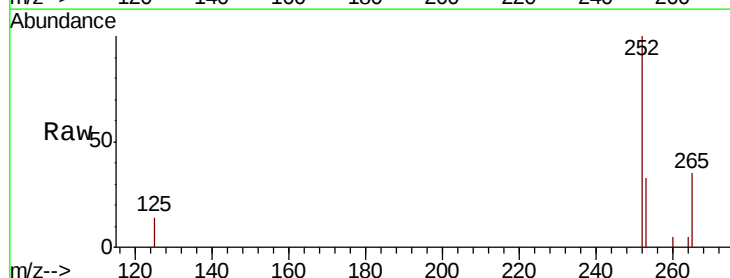
Tgt Ion:252 Resp: 2664

Ion Ratio Lower Upper

252 100

253 33.1 19.3 28.9#

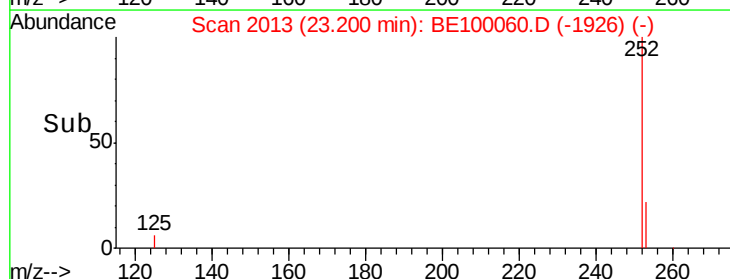
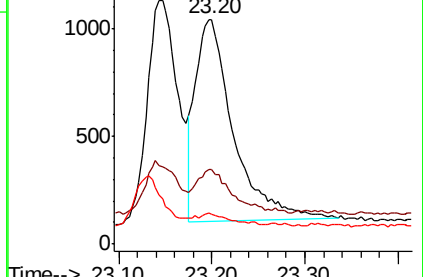
125 13.5 5.6 8.4#

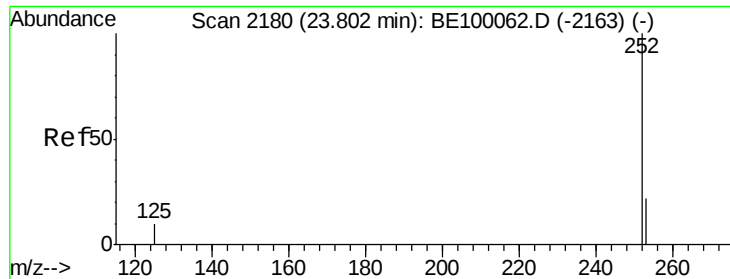


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.095 ng

RT: 23.81 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :

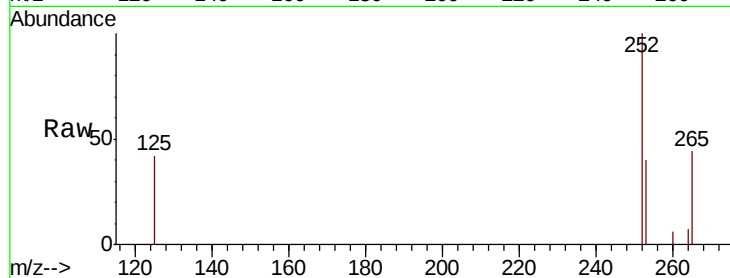
Tot Ion:252 Resp: 2437

Ion Ratio Lower Upper

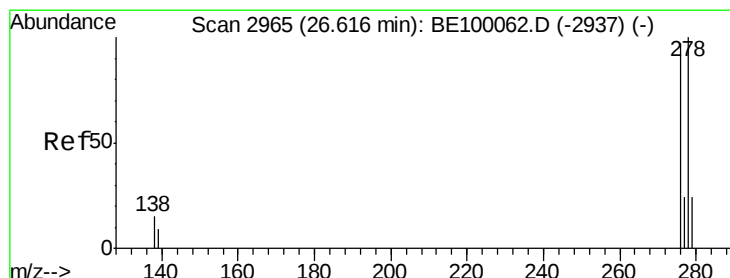
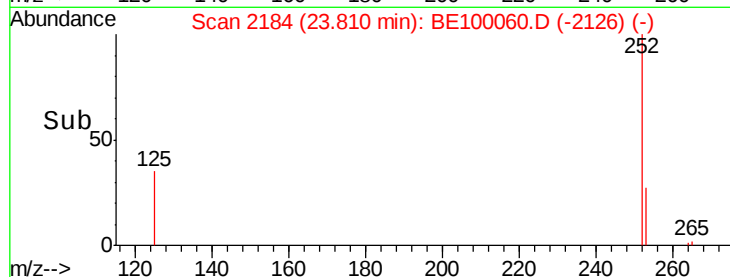
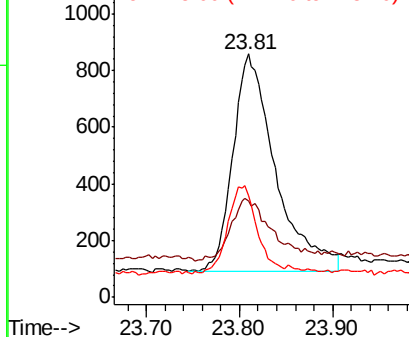
252 100

253 39.8 20.0 30.0#

125 41.9 9.6 14.4#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.078 ng

RT: 26.65 min Scan# 2976

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

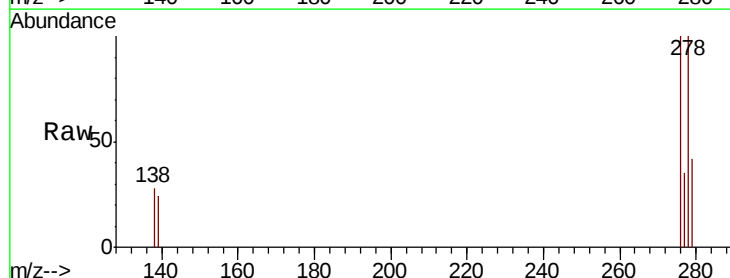
Tgt Ion:278 Resp: 2013

Ion Ratio Lower Upper

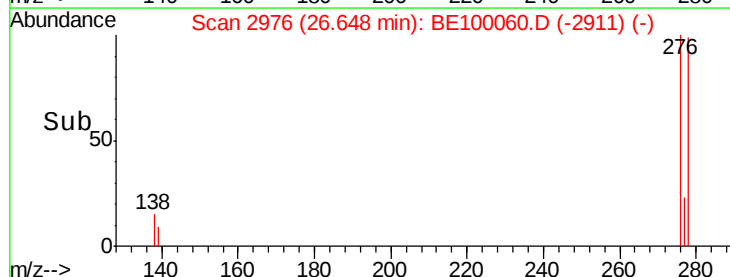
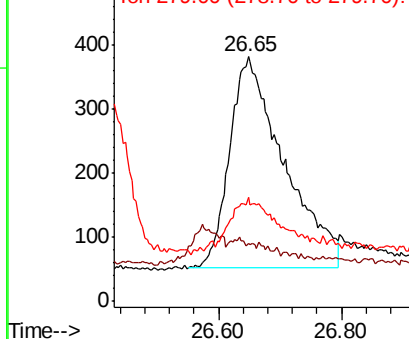
278 100

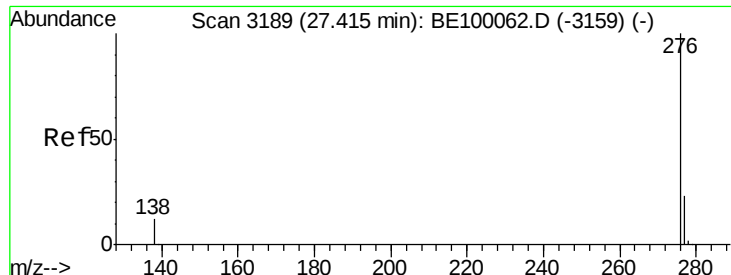
139 23.6 9.2 13.8#

279 42.1 21.4 32.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.089 ng

RT: 27.43 min Scan# 3196

Delta R.T. 0.02 min

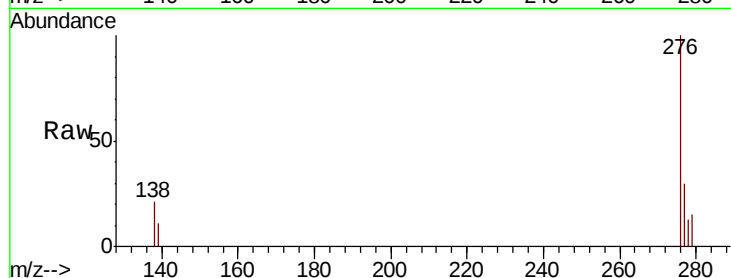
Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_G

ClientSampleId :



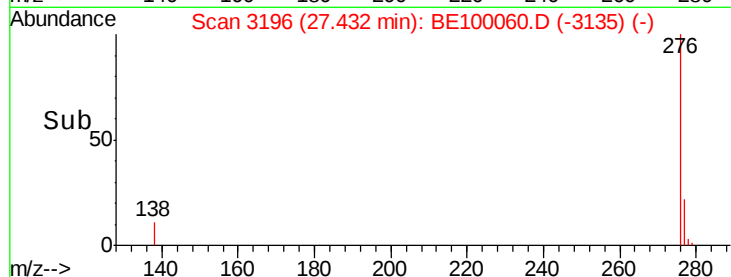
Tot Ion: 276 Resp: 2366

Ion Ratio Lower Upper

276 100

277 30.0 19.4 29.2#

138 21.3 11.0 16.6#



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

