

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100067.D
 Acq On : 17 Jun 2019 17:25
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061719

Quant Time: Jun 17 18:06:17 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 17:23:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	610	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	2158	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1701	0.40	ng	0.02
19) Phenanthrene-d10	17.21	188	5235	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7517	0.40	ng	0.01
34) Perylene-d12	23.93	264	8970	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	609	0.37	ng	0.01
5) Phenol-d6	6.99	99	788	0.40	ng	0.02
8) Nitrobenzene-d5	8.99	82	749	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1614	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	374	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2650	0.40	ng	0.02
25) Fluoranthene-d10	19.25	212	28376	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	5432	0.43	ng	0.02

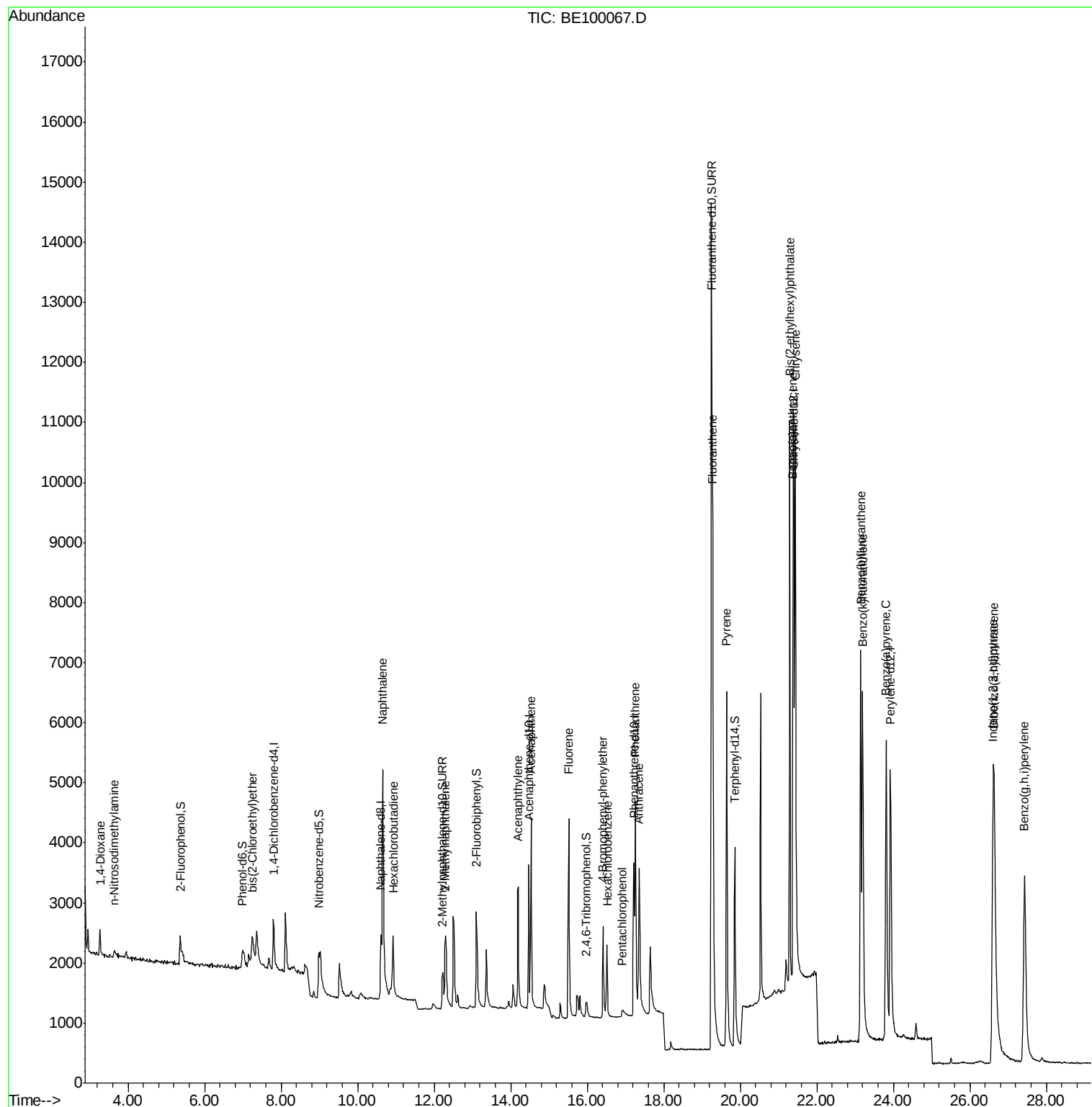
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	399	0.375	ng	# 86
3) n-Nitrosodimethylamine	3.64	42	113	0.442	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	657	0.427	ng	88
9) Naphthalene	10.65	128	9807	0.411	ng	99
10) Hexachlorobutadiene	10.93	225	873	0.426	ng	98
12) 2-Methylnaphthalene	12.30	142	1523	0.407	ng	96
16) Acenaphthylene	14.20	152	3394	0.398	ng	99
17) Acenaphthene	14.53	154	1842	0.400	ng	97
18) Fluorene	15.51	166	2643	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1233	0.391	ng	92
21) Hexachlorobenzene	16.52	284	1306	0.404	ng	98
22) Pentachlorophenol	16.92	266	250	0.355	ng	97
23) Phenanthrene	17.25	178	4941	0.387	ng	98
24) Anthracene	17.35	178	4135	0.369	ng	99
26) Fluoranthene	19.28	202	8194	0.390	ng	99
28) Pyrene	19.64	202	8395	0.449	ng	100
30) Benzo(a)anthracene	21.38	228	9660	0.446	ng	99
31) Chrysene	21.44	228	10649	0.436	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	10946	0.363	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	12664	0.439	ng	99
35) Benzo(b)fluoranthene	23.15	252	10336	0.400	ng	99
36) Benzo(k)fluoranthene	23.20	252	11535	0.412	ng	100
37) Benzo(a)pyrene	23.81	252	10518	0.410	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	9771	0.391	ng	100
39) Benzo(g,h,i)perylene	27.43	276	10794	0.408	ng	99

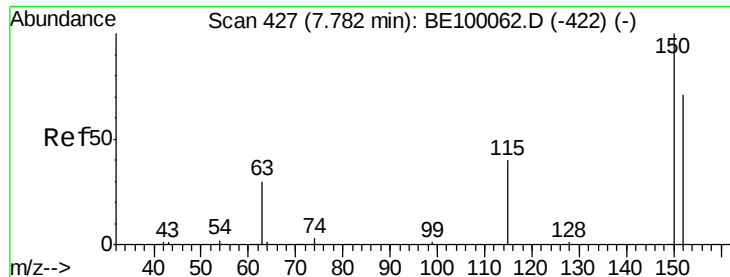
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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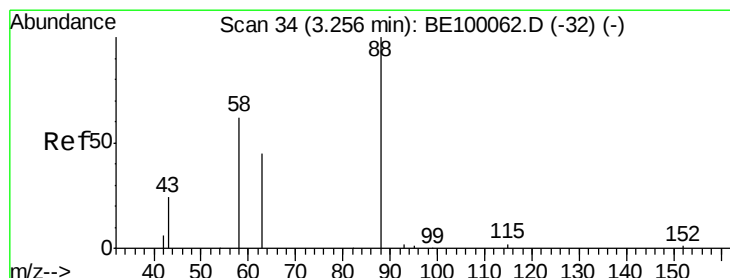
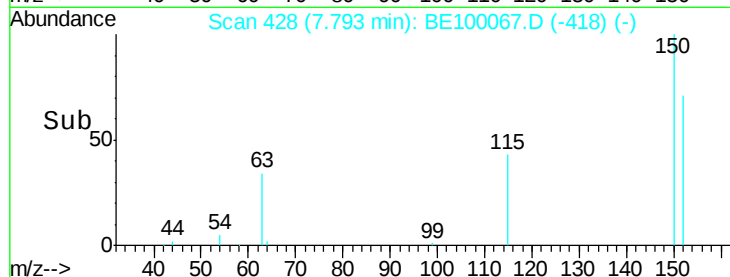
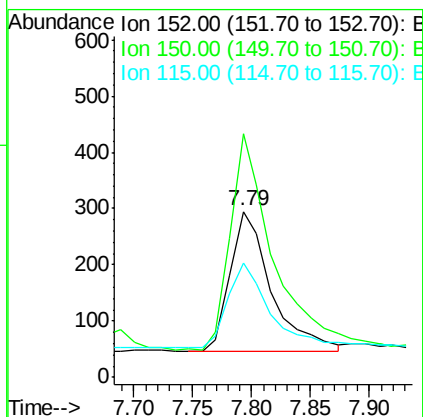
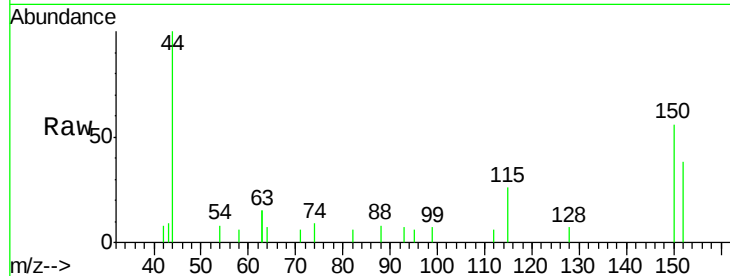


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

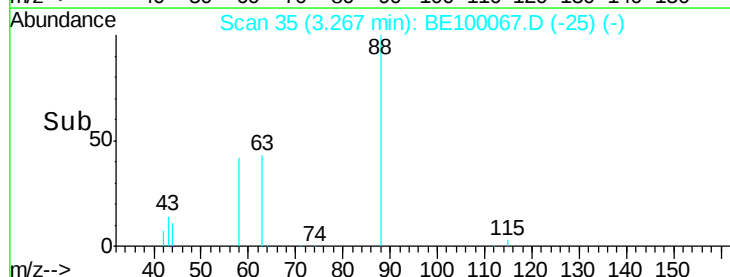
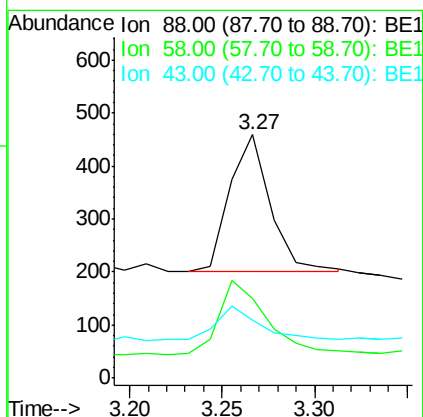
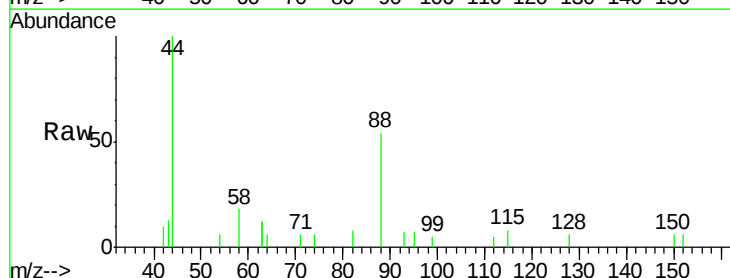
Tot Ion:152 Resp: 610
Ion Ratio Lower Upper
152 100
150 146.8 109.5 164.3
115 69.2 52.6 78.8

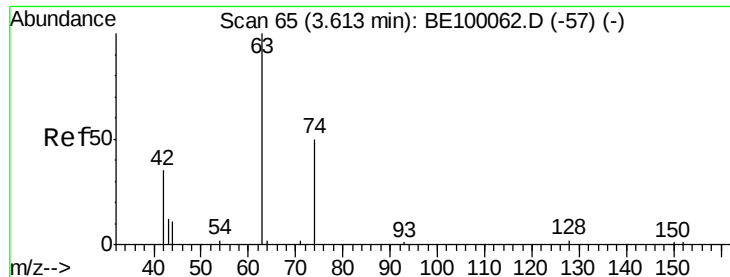


#2

1,4-Dioxane
Concen: 0.375 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion: 88 Resp: 399
Ion Ratio Lower Upper
88 100
58 61.4 41.9 62.9
43 28.3 15.8 23.8#



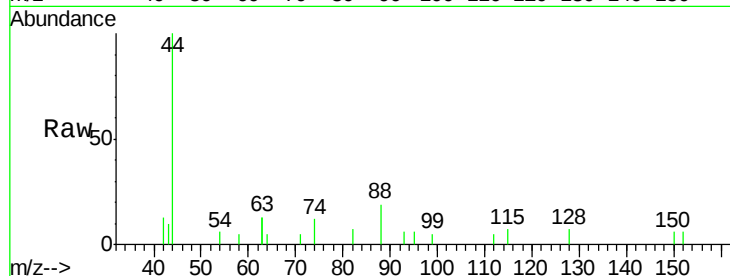


#3

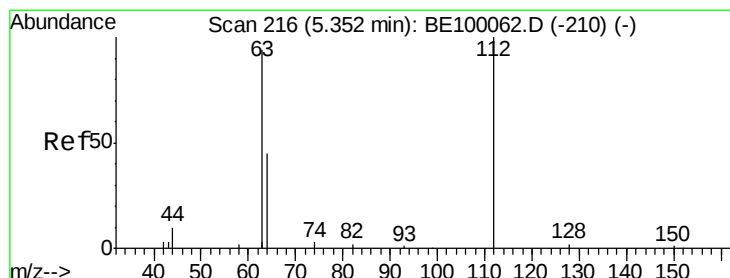
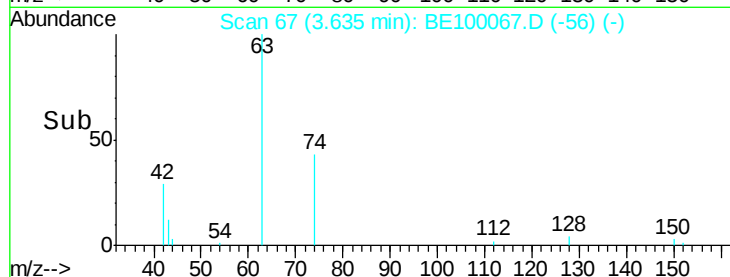
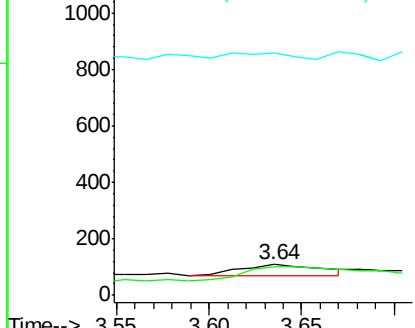
n-Nitrosodimethylamine
 Concen: 0.442 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.02 min
 Lab File: BE100067.D
 Acq: 17 Jun 2019 17:25

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061719

Tot Ion: 42 Resp: 113
 Ion Ratio Lower Upper
 42 100
 74 142.5 0.0 0.0#
 44 0.0 0.0 0.0



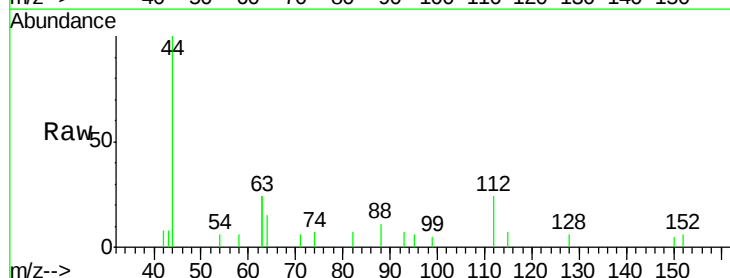
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



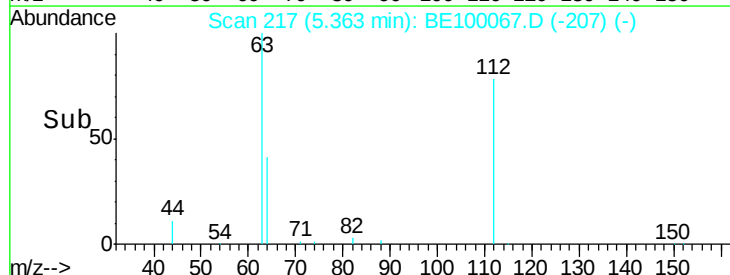
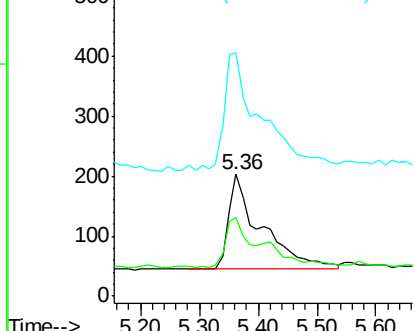
#4

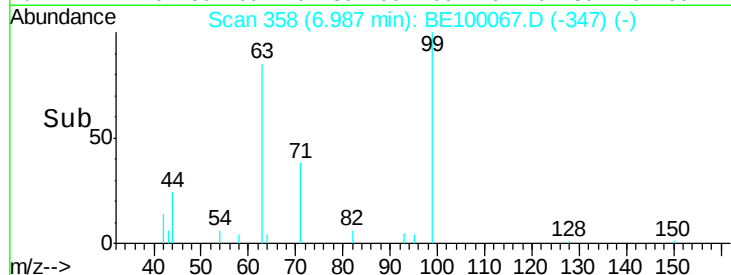
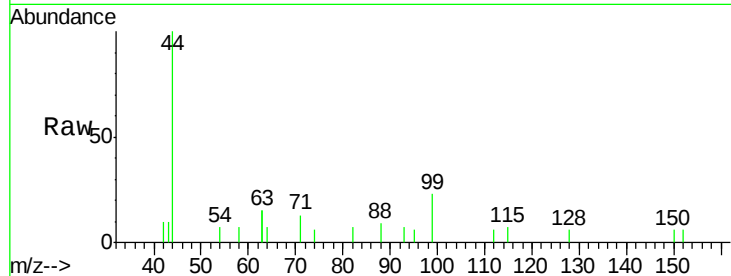
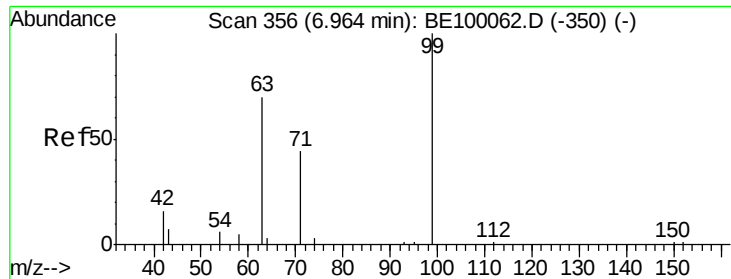
2-Fluorophenol
 Concen: 0.369 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE100067.D
 Acq: 17 Jun 2019 17:25

Tgt Ion: 112 Resp: 609
 Ion Ratio Lower Upper
 112 100
 64 36.0 39.6 59.4#
 63 141.5 113.0 169.4



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: 0.396 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

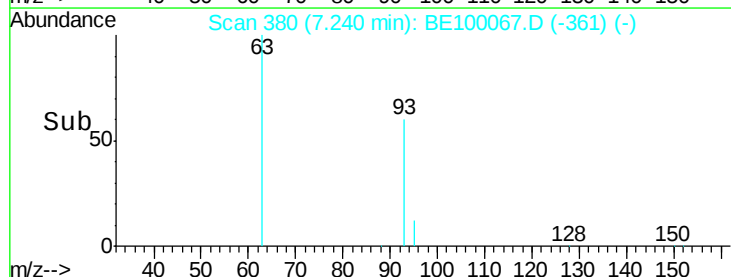
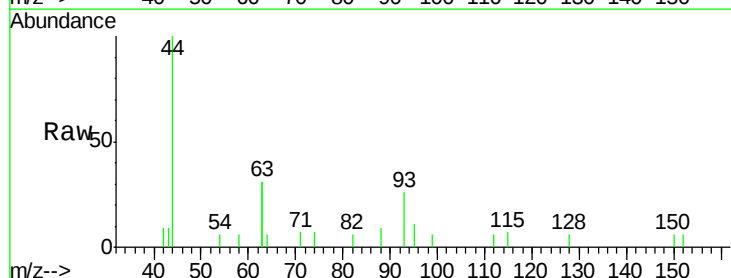
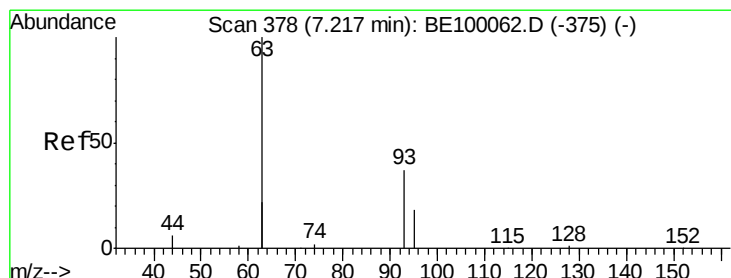
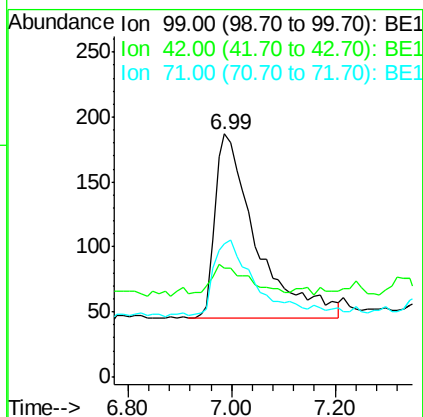
Tot Ion: 99 Resp: 788

Ion Ratio Lower Upper

99 100

42 0.0 11.4 17.2#

71 39.5 32.8 49.2



#6

bis(2-Chloroethyl)ether

Concen: 0.427 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

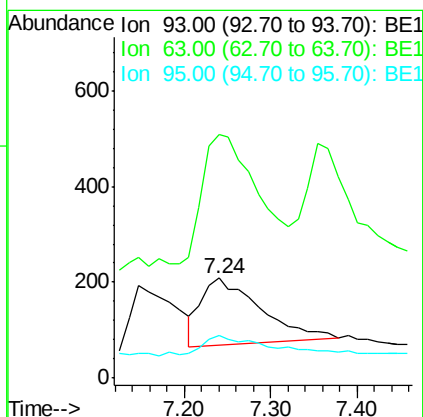
Tgt Ion: 93 Resp: 657

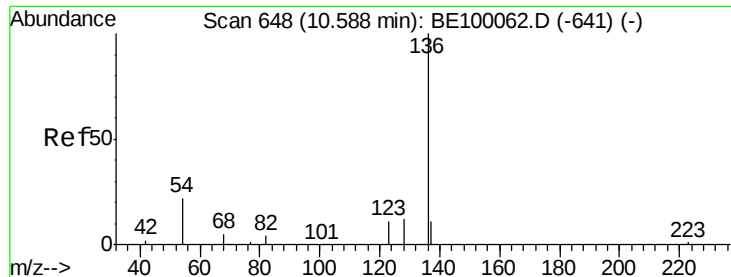
Ion Ratio Lower Upper

93 100

63 184.9 165.0 247.6

95 34.6 27.0 40.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

Tot Ion:136 Resp: 2158

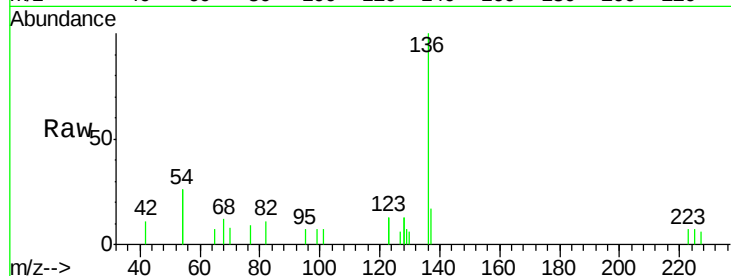
Ion Ratio Lower Upper

136 100

137 17.3 12.6 19.0

54 51.2 33.0 49.6#

68 11.7 8.6 12.8

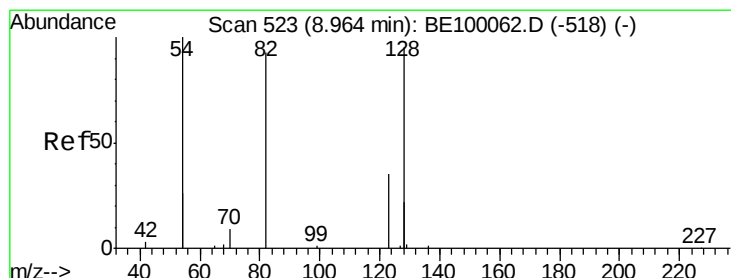
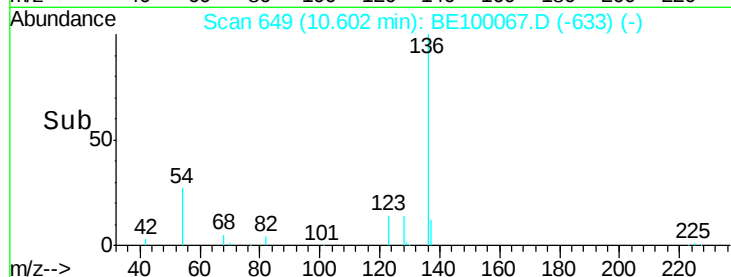
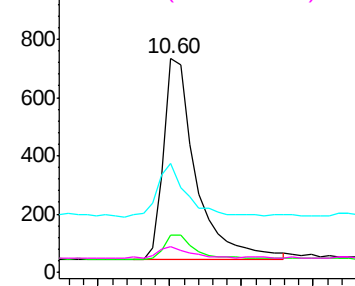


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

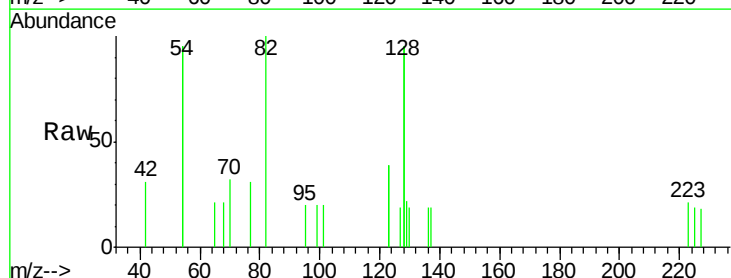
Tgt Ion: 82 Resp: 749

Ion Ratio Lower Upper

82 100

128 189.1 134.6 201.8

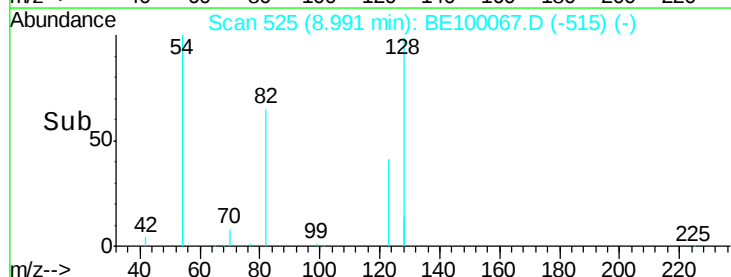
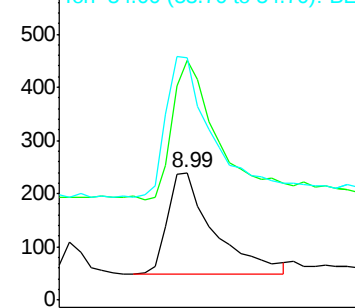
54 190.8 141.6 212.4

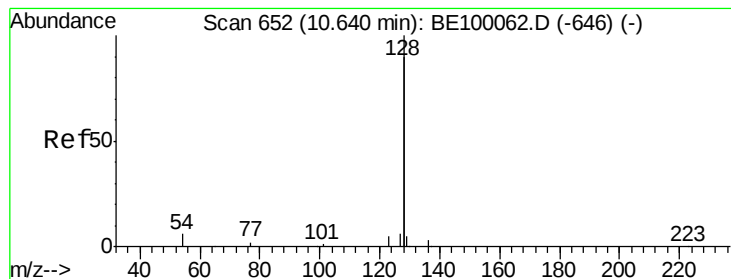


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.411 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

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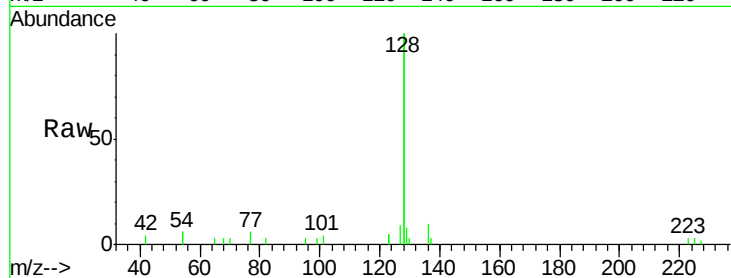
Tot Ion:128 Resp: 9807

Ion Ratio Lower Upper

128 100

129 4.1 3.0 4.4

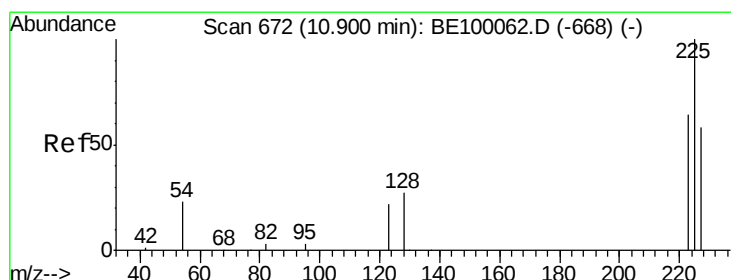
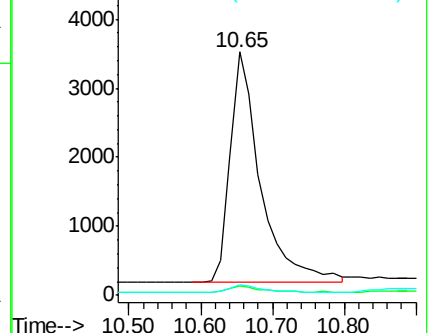
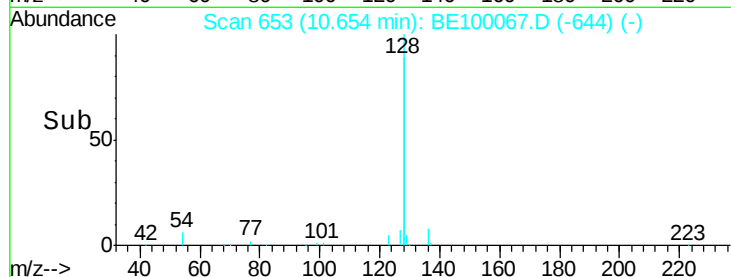
127 4.5 3.4 5.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.426 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.03 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

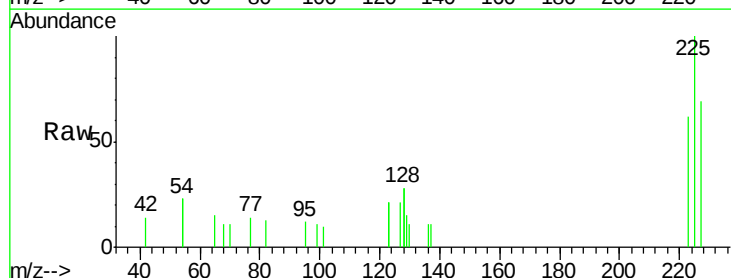
Tgt Ion:225 Resp: 873

Ion Ratio Lower Upper

225 100

223 61.4 50.3 75.5

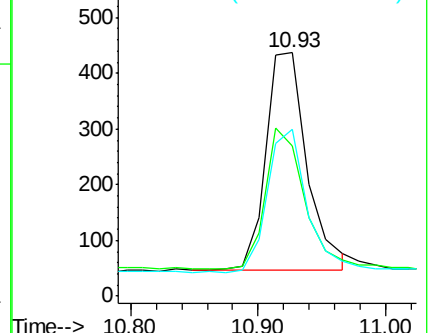
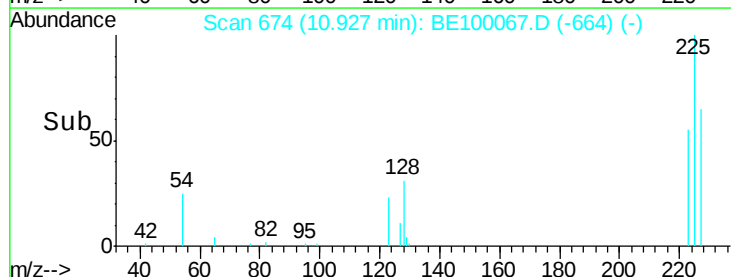
227 63.3 51.4 77.2

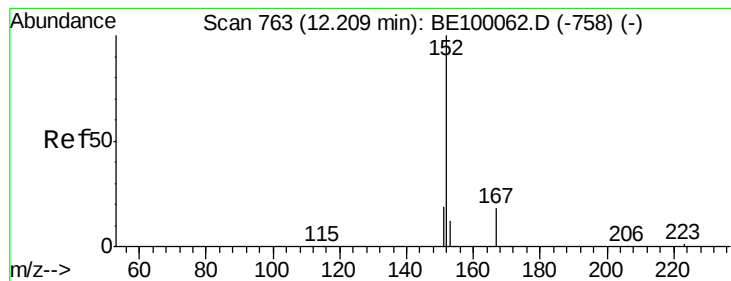


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

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ClientSampleId :

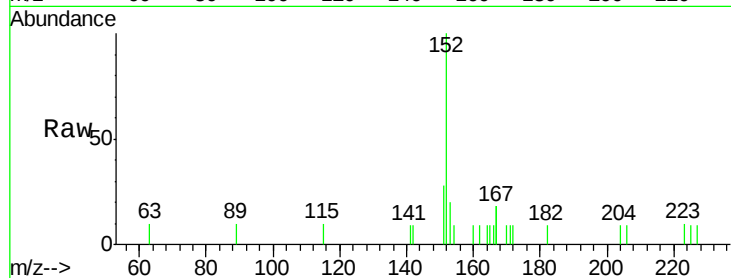
ICVBE061719

Tot Ion:152 Resp: 1614

Ion Ratio Lower Upper

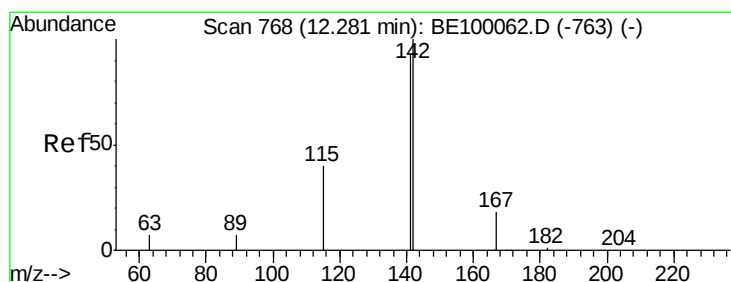
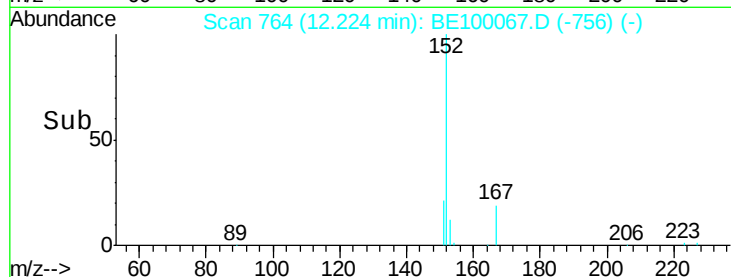
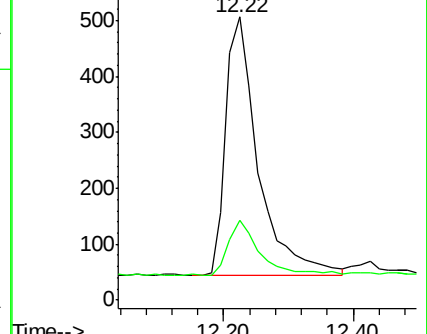
152 100

151 20.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.407 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

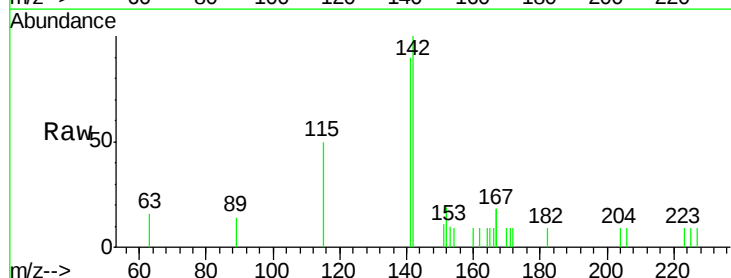
Tgt Ion:142 Resp: 1523

Ion Ratio Lower Upper

142 100

141 90.1 74.2 111.4

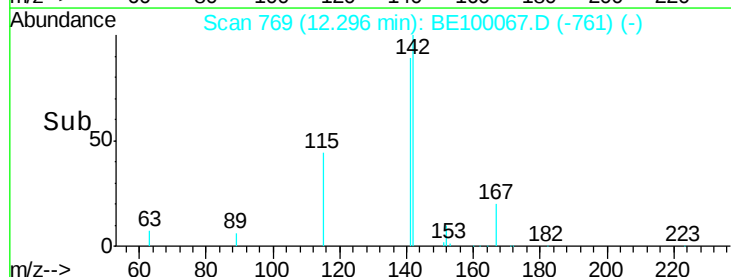
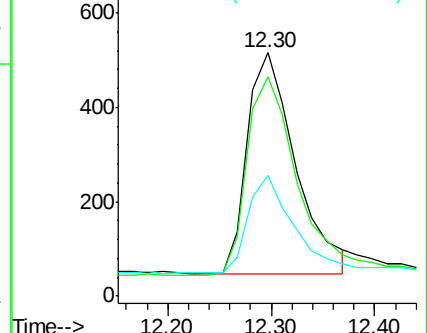
115 49.6 36.5 54.7

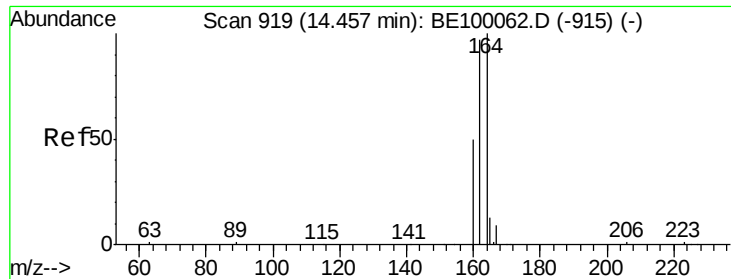


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 920

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

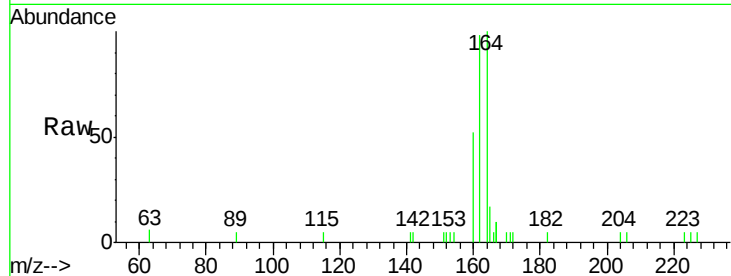
Tot Ion:164 Resp: 1701

Ion Ratio Lower Upper

164 100

162 97.9 77.6 116.4

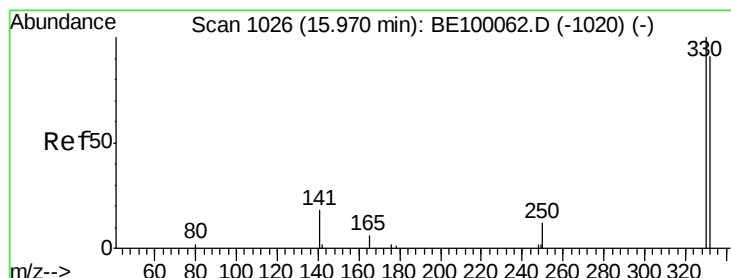
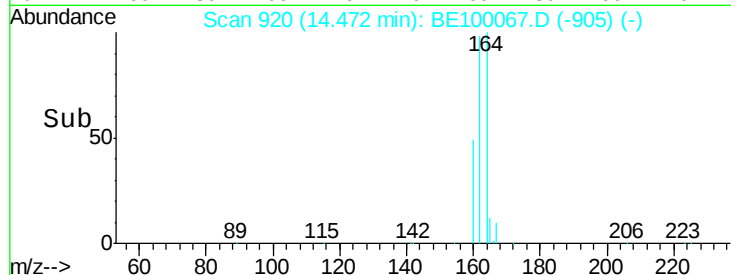
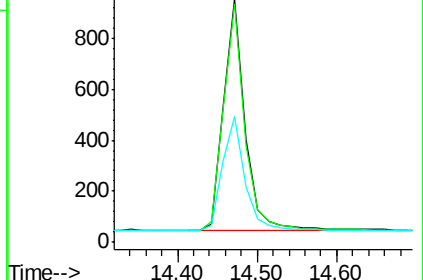
160 51.8 41.7 62.5



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: 0.359 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

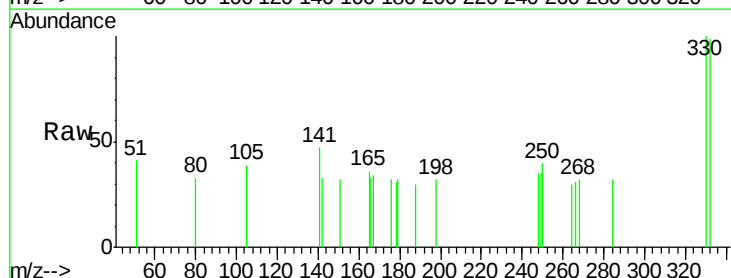
Tgt Ion:330 Resp: 374

Ion Ratio Lower Upper

330 100

332 89.6 74.7 112.1

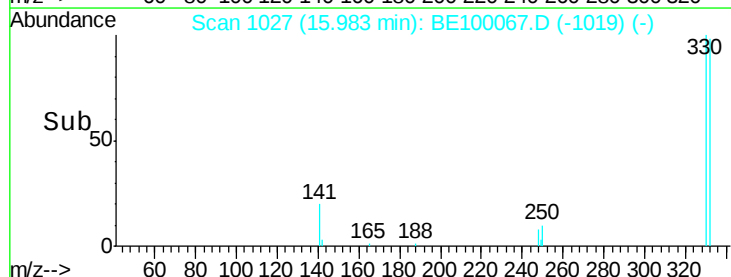
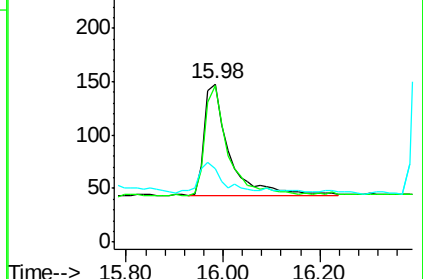
141 19.3 20.3 30.5#

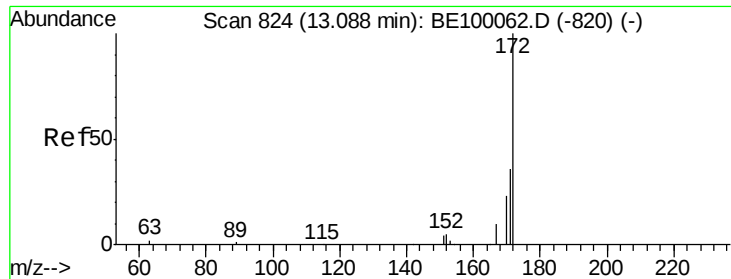


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

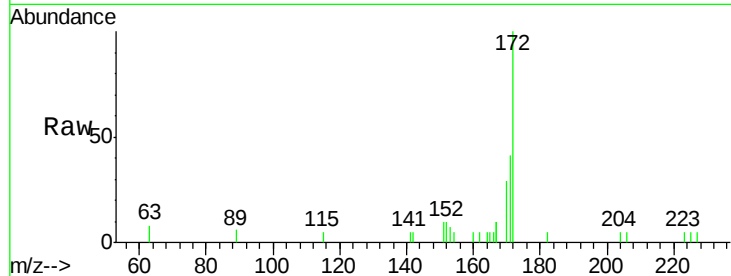




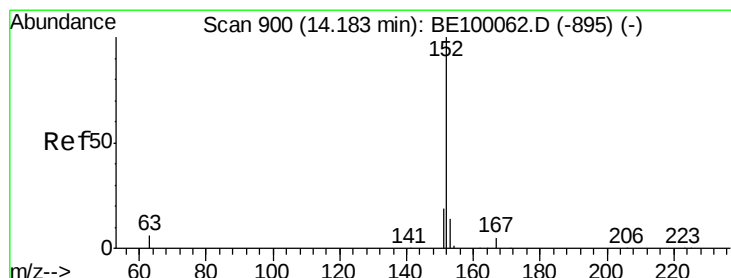
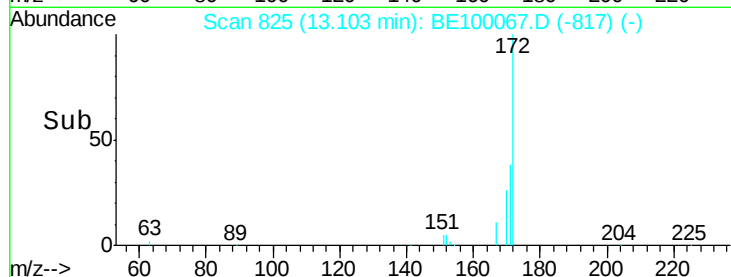
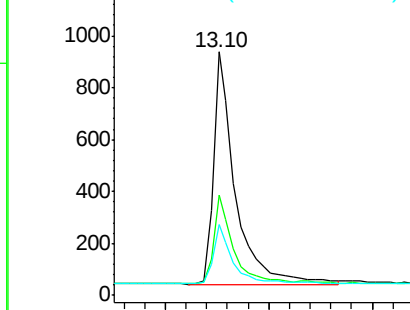
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
ICVBE061719

Tot Ion:172 Resp: 2650
Ion Ratio Lower Upper
172 100
171 41.2 31.0 46.6
170 29.2 21.3 31.9

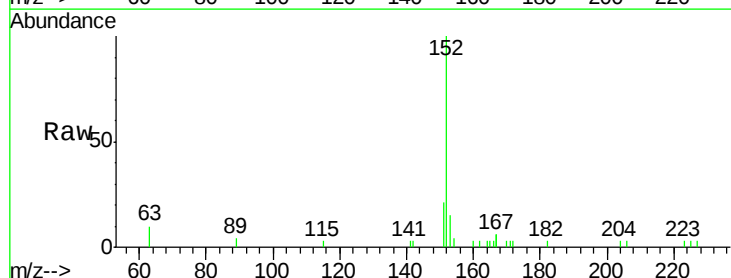


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

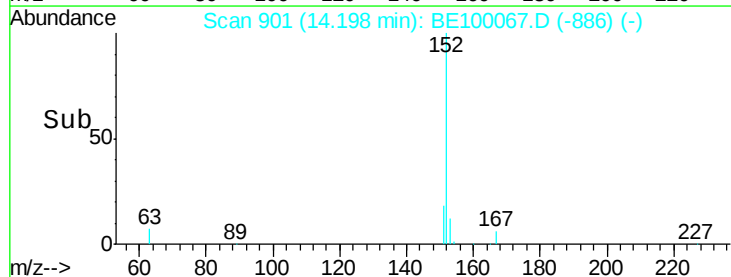
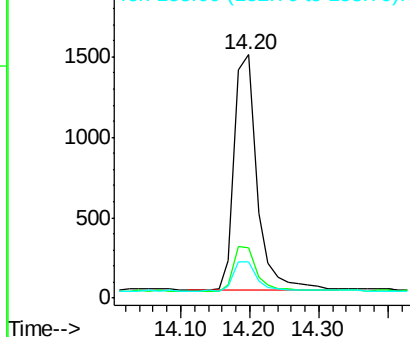


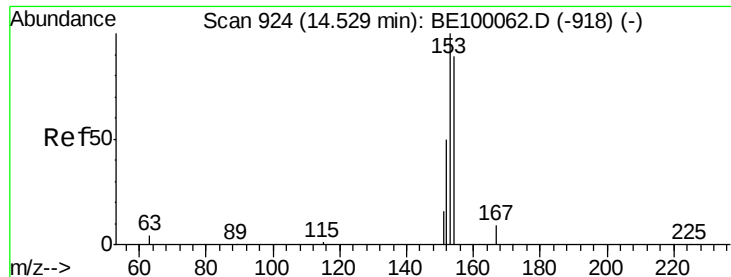
#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:152 Resp: 3394
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 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: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

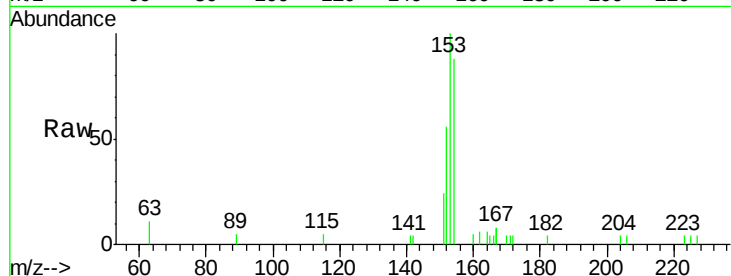
Tot Ion:154 Resp: 1842

Ion Ratio Lower Upper

154 100

153 113.0 94.3 141.5

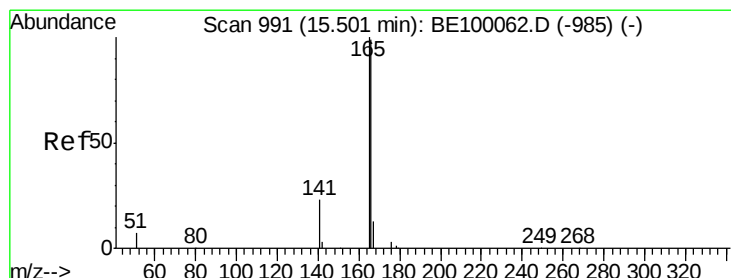
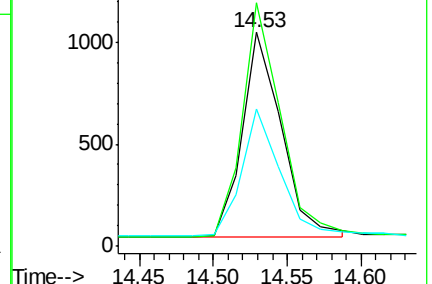
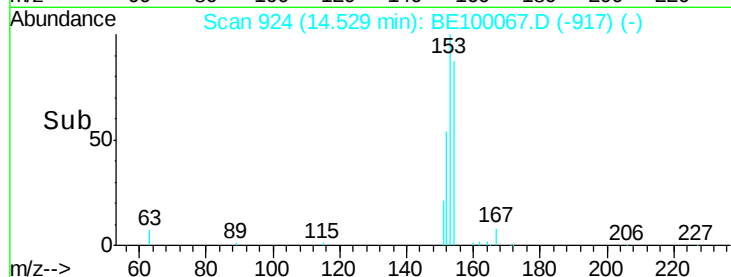
152 61.2 49.0 73.6



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: 0.385 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

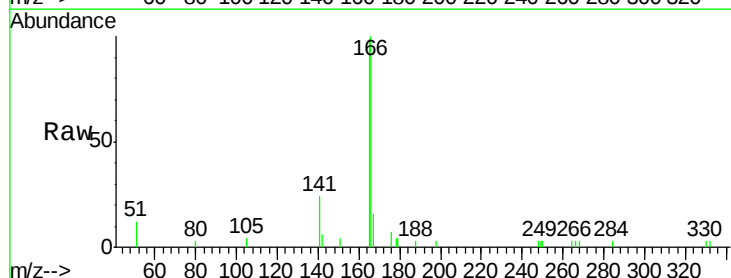
Tgt Ion:166 Resp: 2643

Ion Ratio Lower Upper

166 100

165 102.2 82.3 123.5

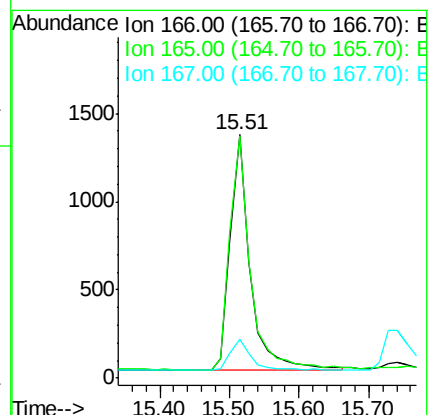
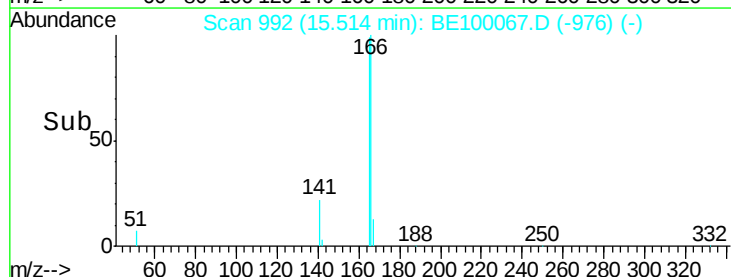
167 14.1 11.0 16.4

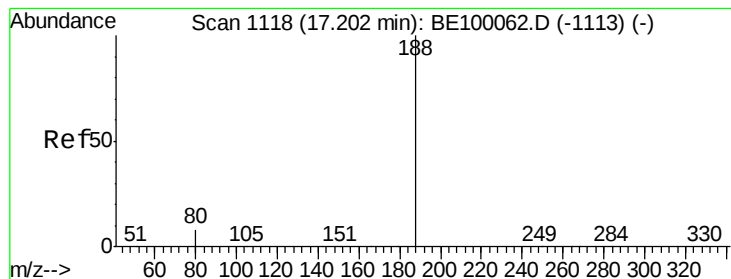


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1119

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

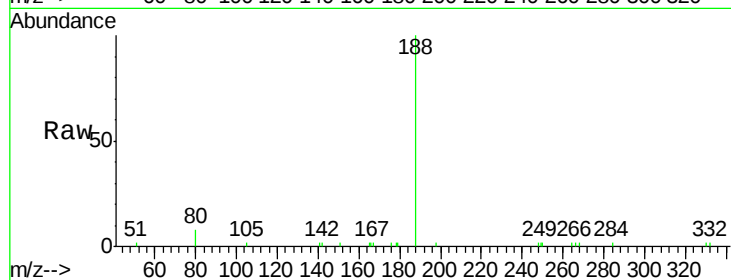
Tot Ion:188 Resp: 5235

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

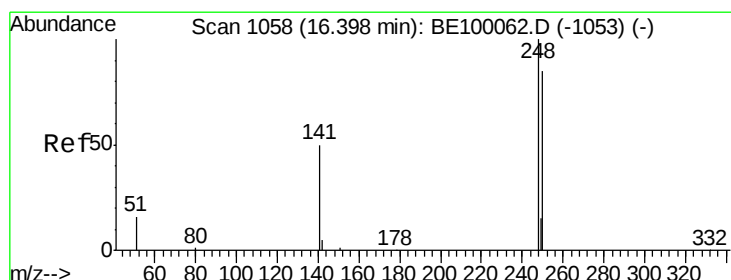
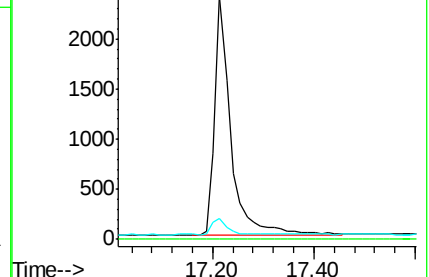
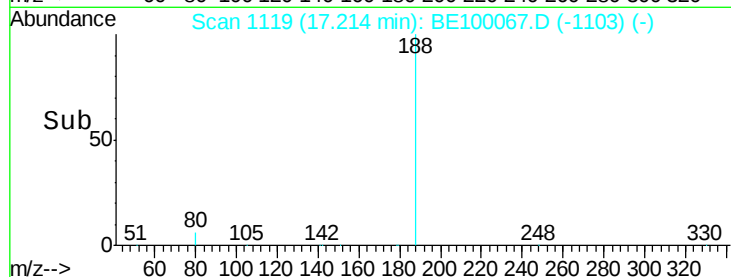
80 8.4 8.2 12.4



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: 0.391 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

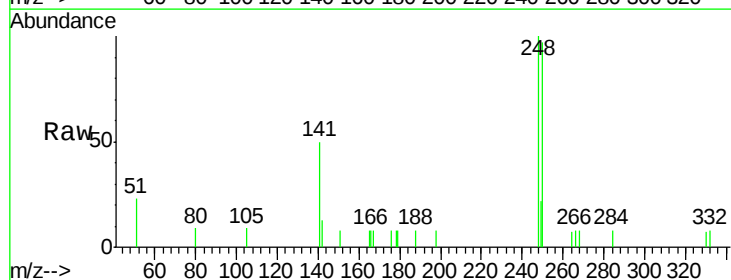
Tgt Ion:248 Resp: 1233

Ion Ratio Lower Upper

248 100

250 96.6 69.8 104.8

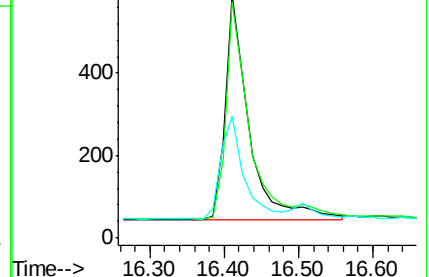
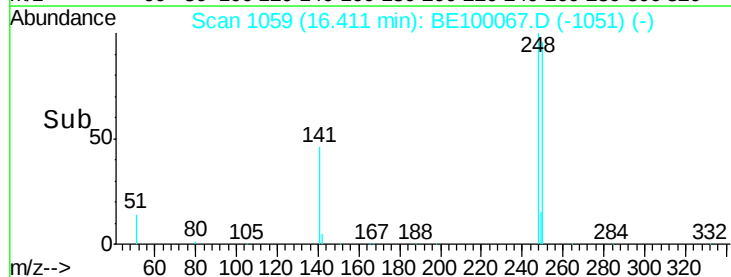
141 50.1 43.0 64.6

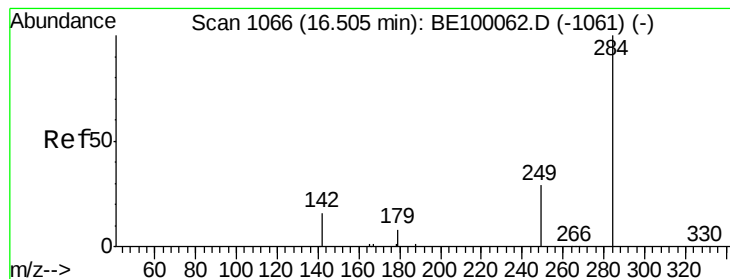


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

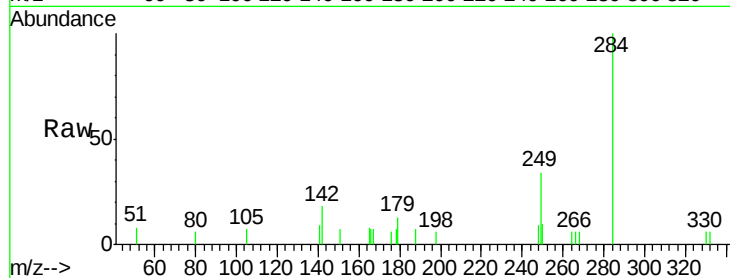
Tot Ion:284 Resp: 1306

Ion Ratio Lower Upper

284 100

142 23.6 20.4 30.6

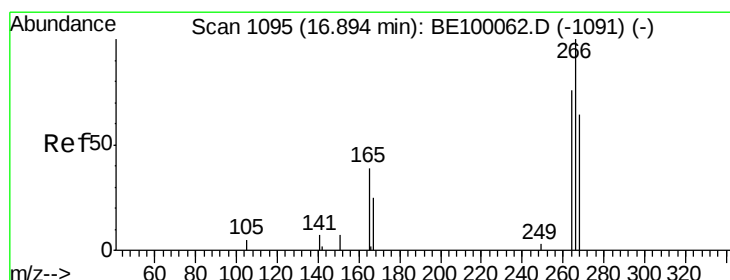
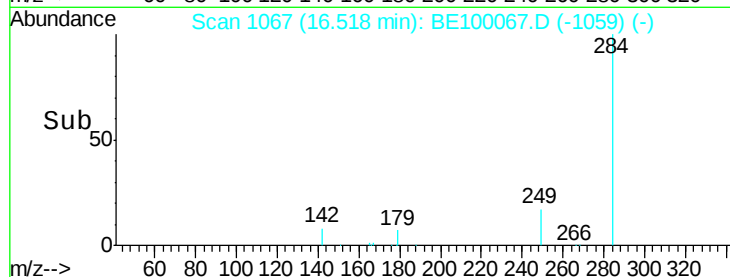
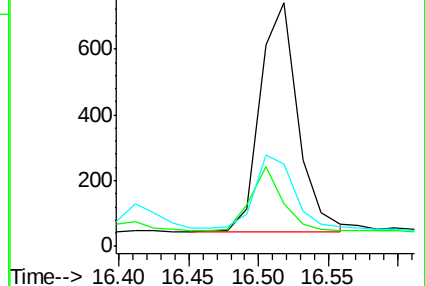
249 31.7 25.3 37.9



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: 0.355 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

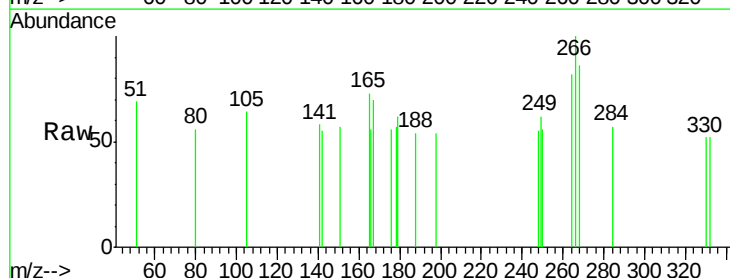
Tgt Ion:266 Resp: 250

Ion Ratio Lower Upper

266 100

264 82.1 68.6 102.8

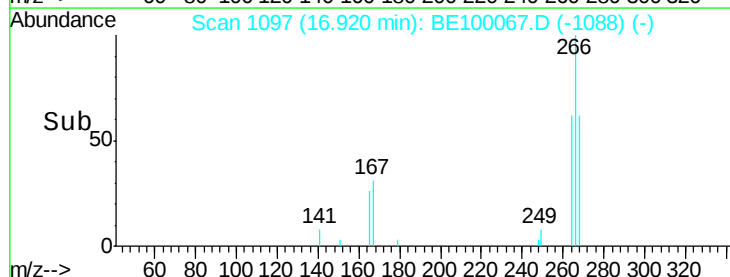
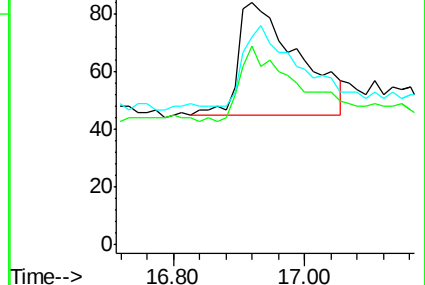
268 85.7 67.0 100.6

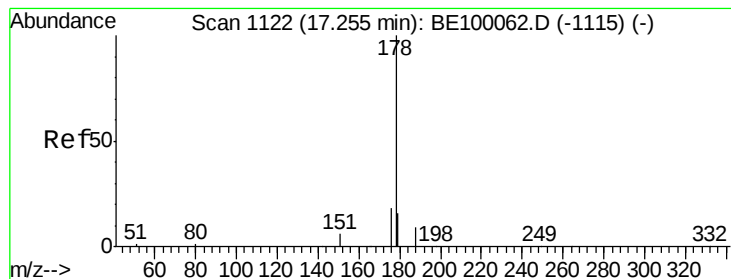


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.387 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

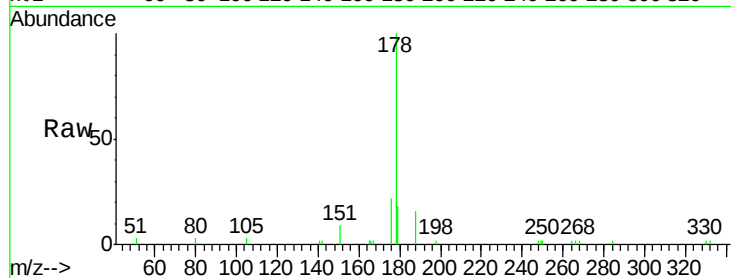
Tot Ion:178 Resp: 4941

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

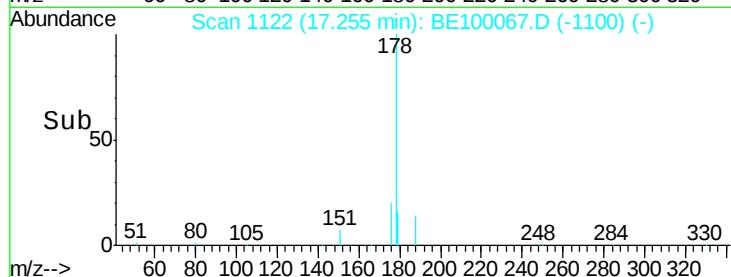
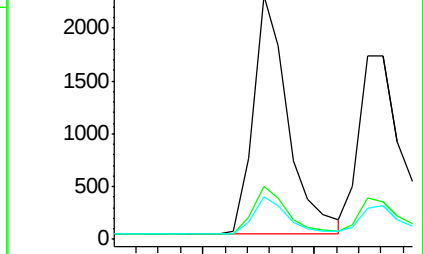
179 16.2 12.4 18.6



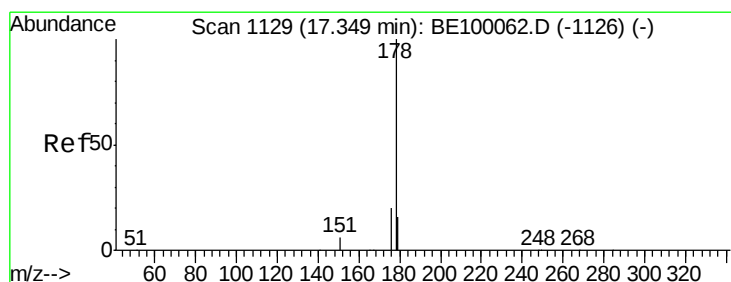
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.369 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

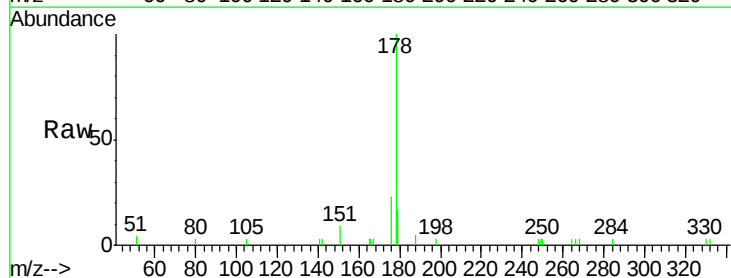
Tgt Ion:178 Resp: 4135

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

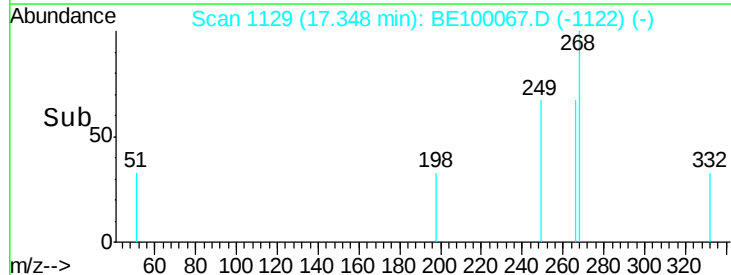
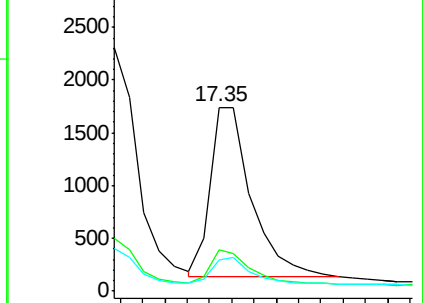
179 15.2 12.6 18.8



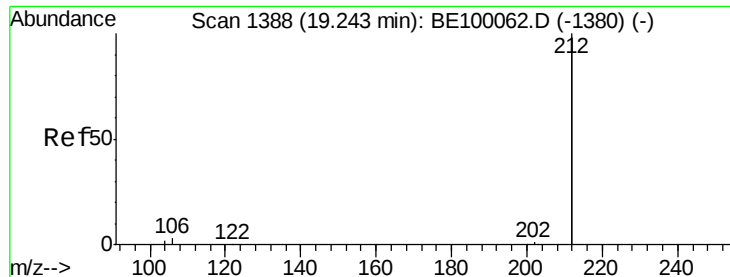
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



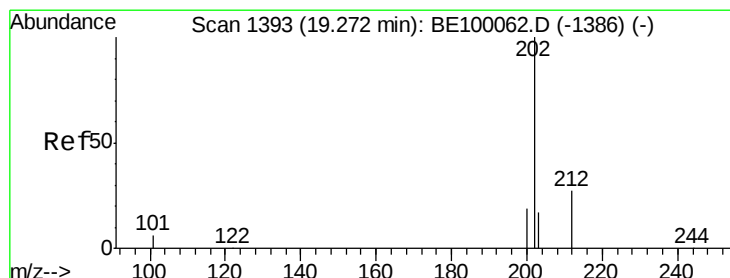
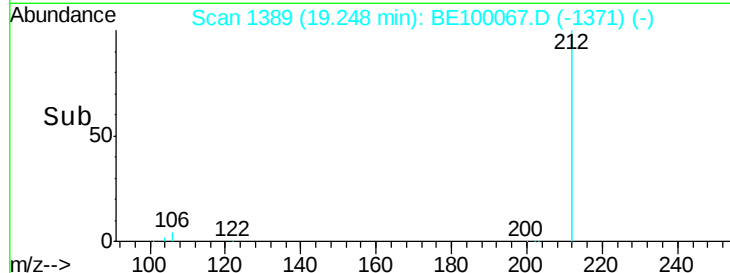
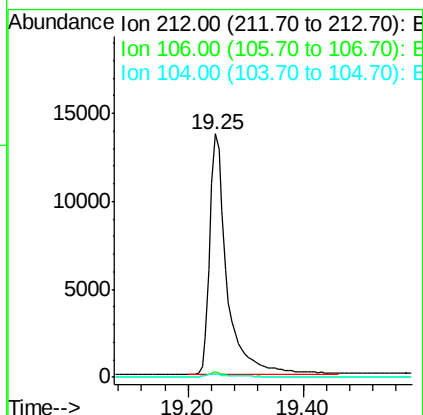
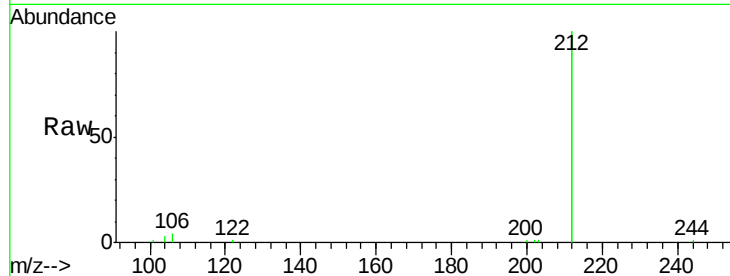
Time-->



#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE100067.D
 Acq: 17 Jun 2019 17:25

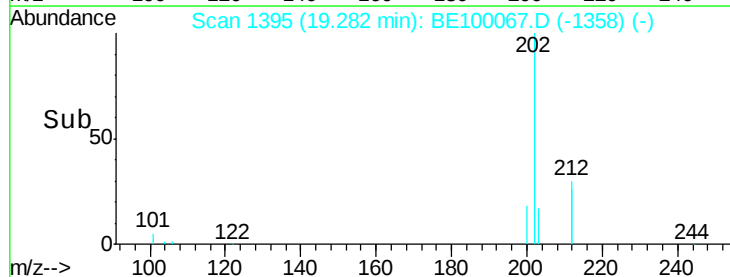
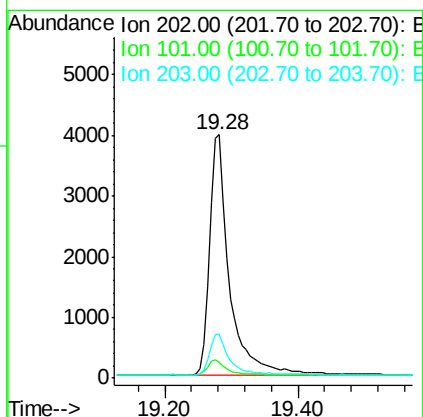
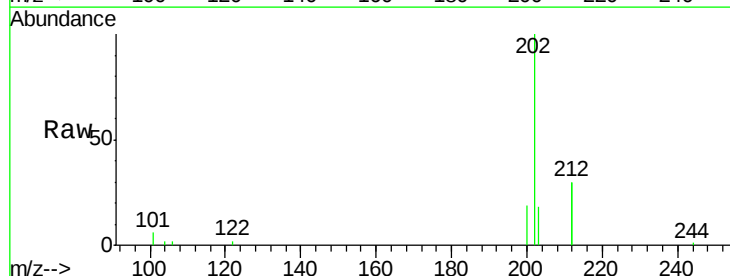
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061719

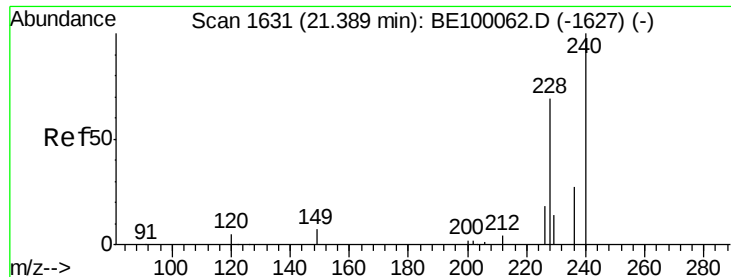
Tot Ion:212 Resp: 28376
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 0.390 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BE100067.D
 Acq: 17 Jun 2019 17:25

Tgt Ion:202 Resp: 8194
 Ion Ratio Lower Upper
 202 100
 101 6.4 5.3 7.9
 203 17.2 13.3 19.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

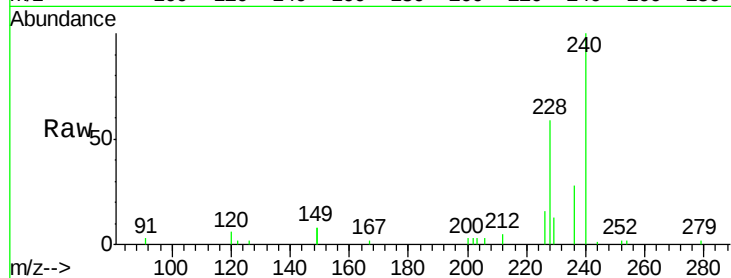
Tot Ion:240 Resp: 7517

Ion Ratio Lower Upper

240 100

120 5.7 5.4 8.0

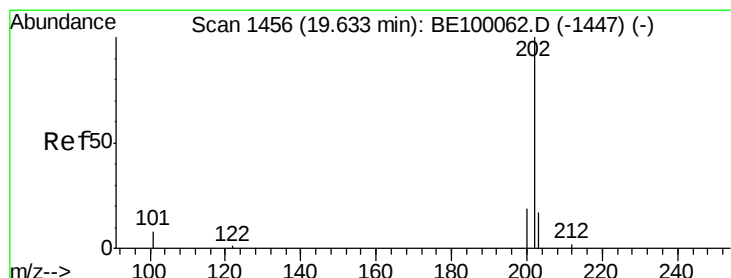
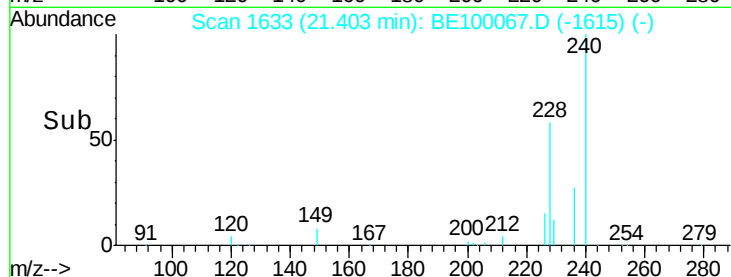
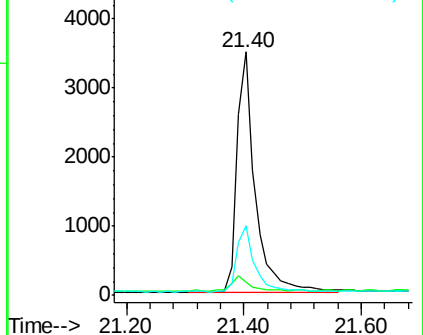
236 28.3 22.6 33.8



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: 0.449 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

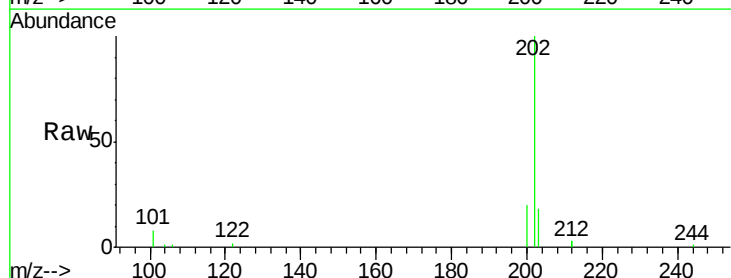
Tgt Ion:202 Resp: 8395

Ion Ratio Lower Upper

202 100

200 19.3 15.6 23.4

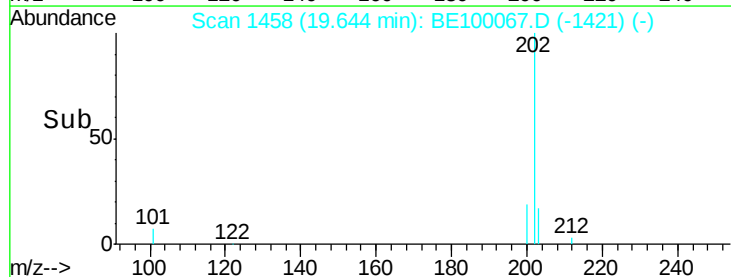
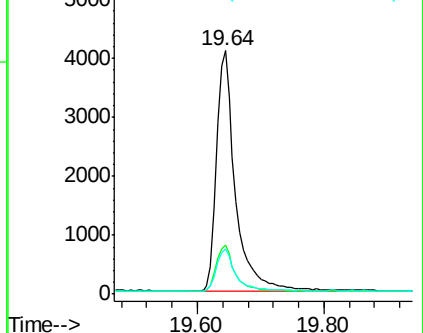
203 17.5 14.0 21.0

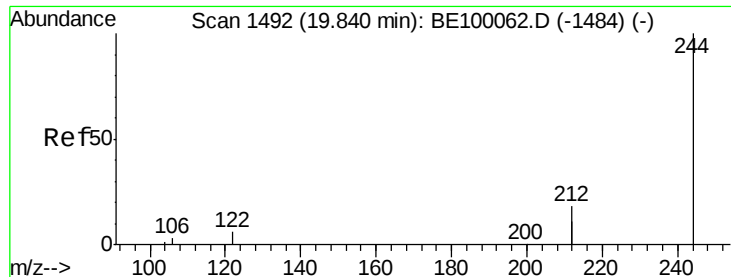


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

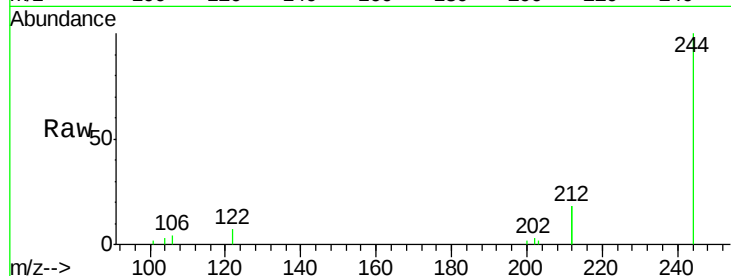
Tot Ion:244 Resp: 5432

Ion Ratio Lower Upper

244 100

212 35.7 27.9 41.9

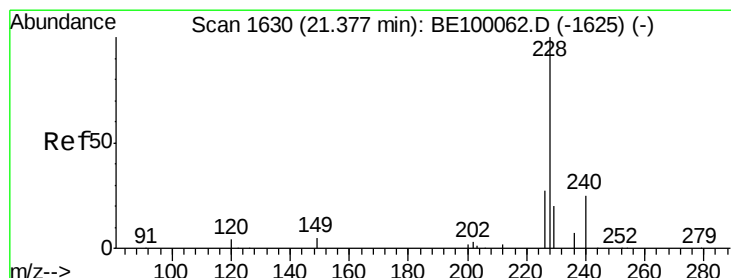
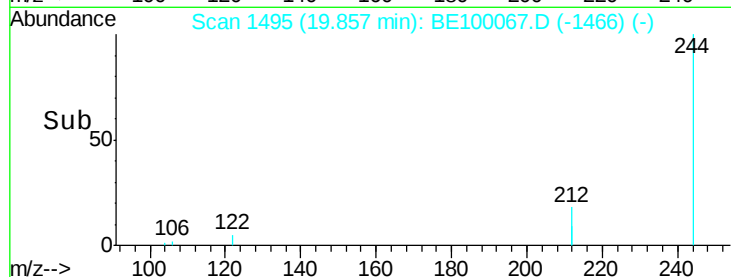
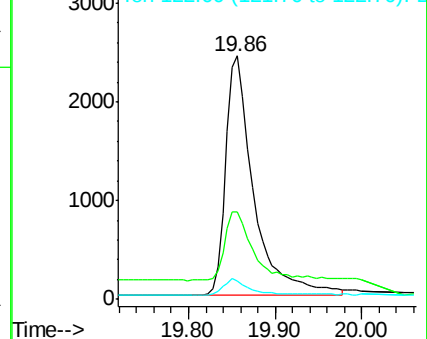
122 7.3 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.446 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

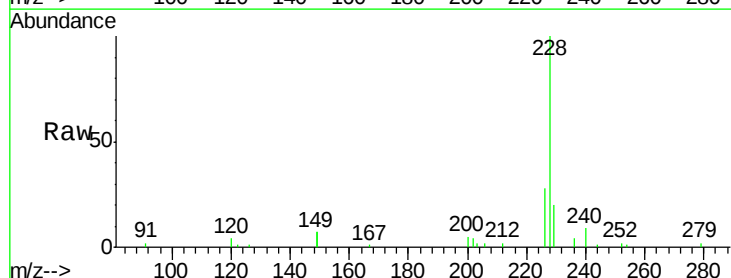
Tgt Ion:228 Resp: 9660

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

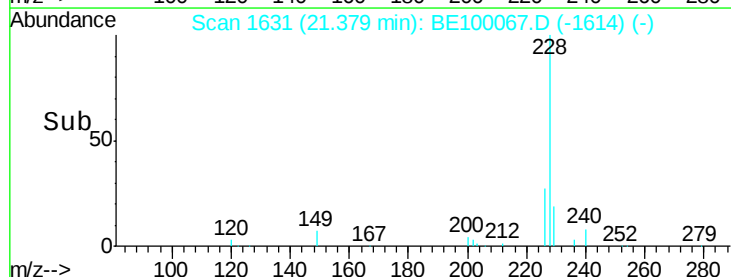
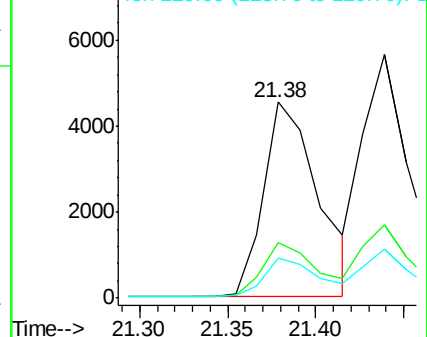
229 20.3 16.9 25.3

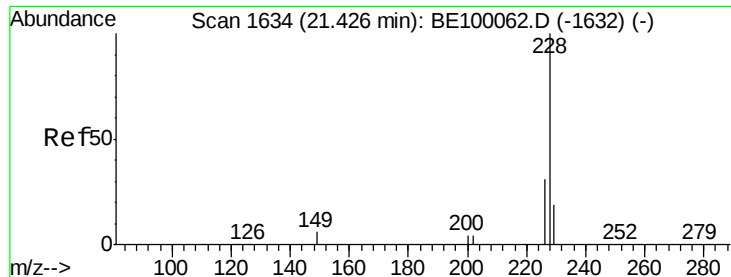


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.436 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

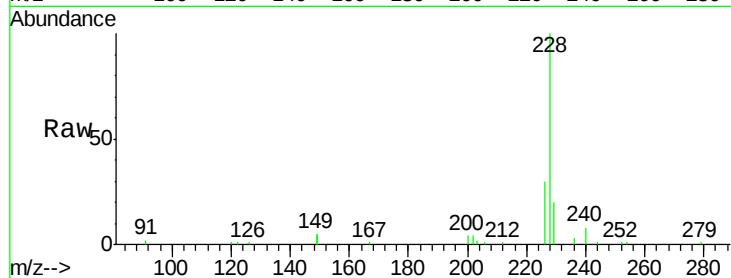
Tot Ion:228 Resp: 10649

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

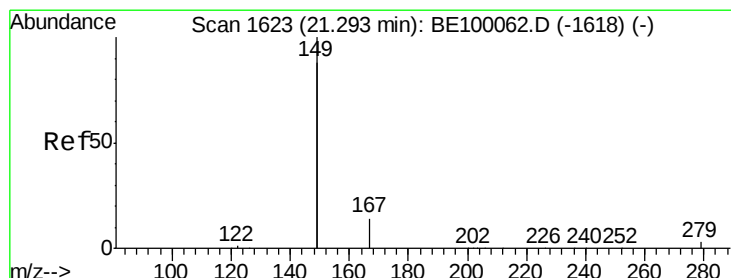
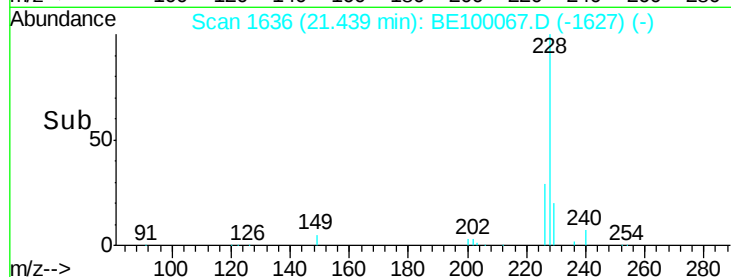
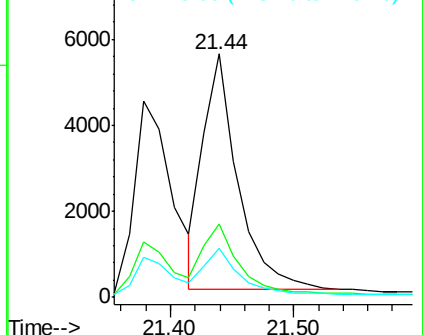
229 20.2 15.8 23.8



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: 0.363 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

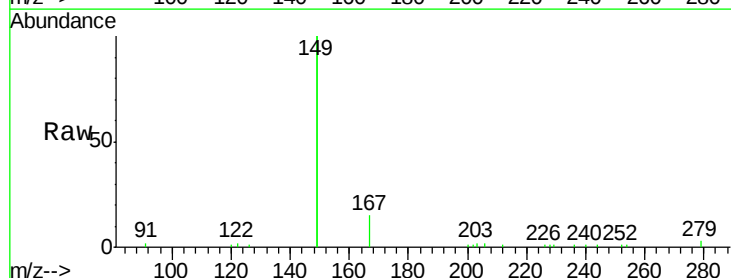
Tgt Ion:149 Resp: 10946

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

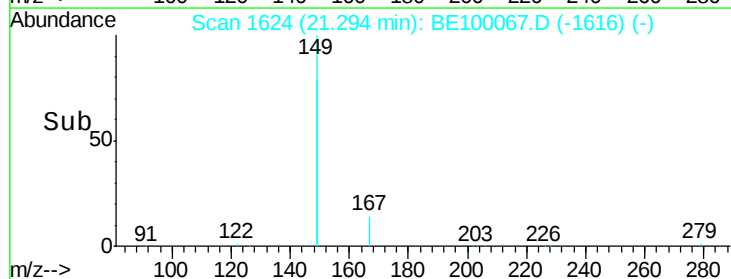
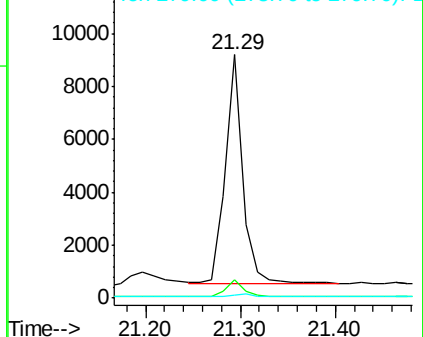
279 1.5 1.0 1.6

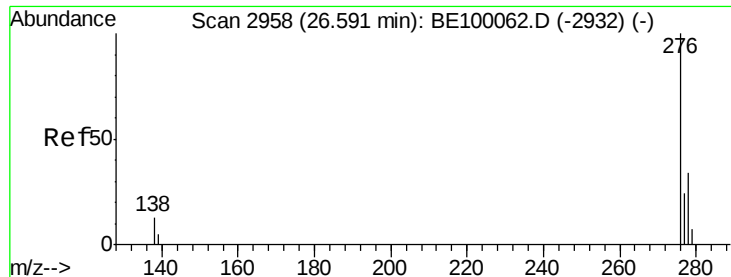


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

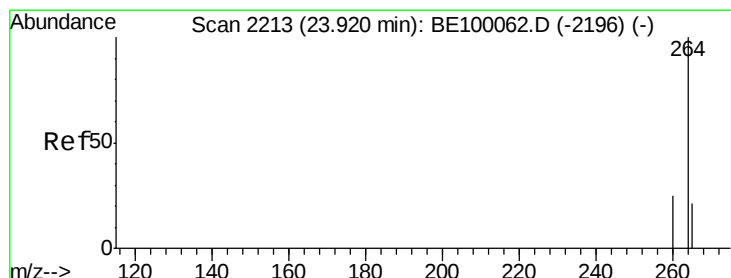
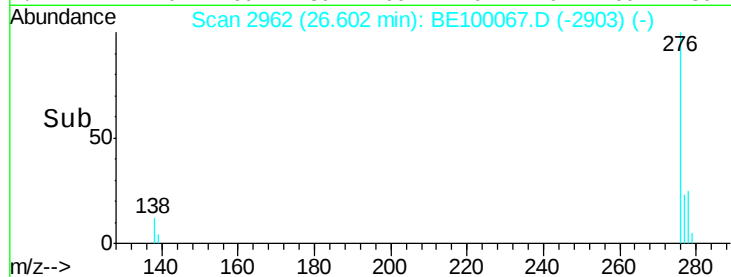
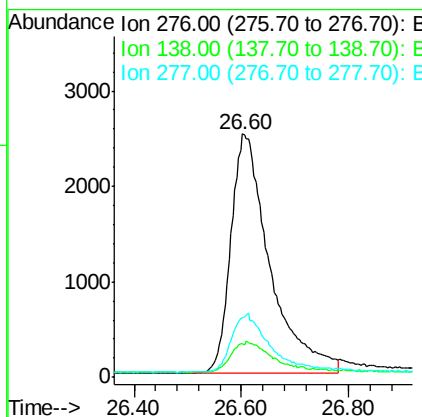
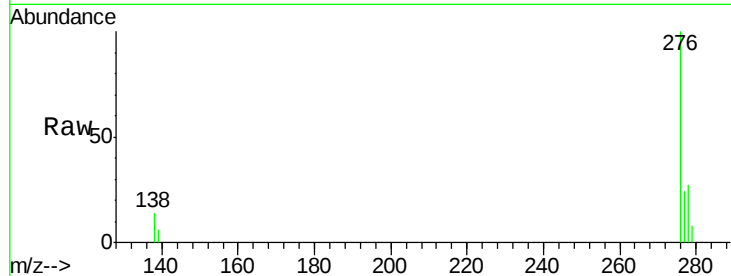




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng
RT: 26.60 min Scan# 2962
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

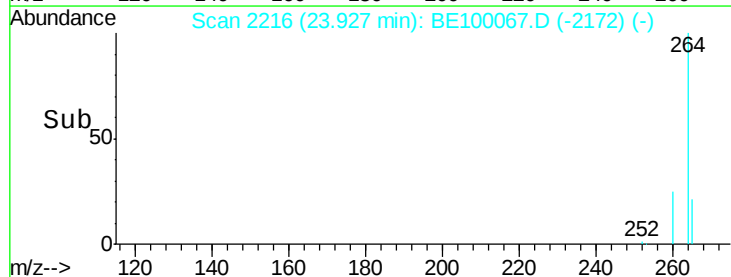
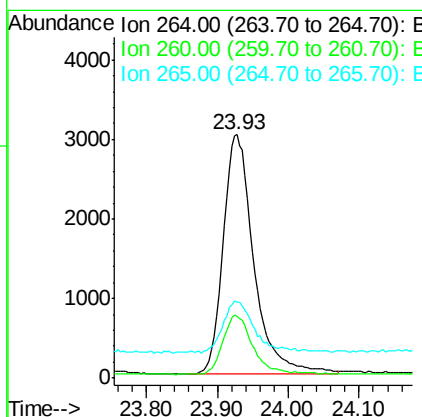
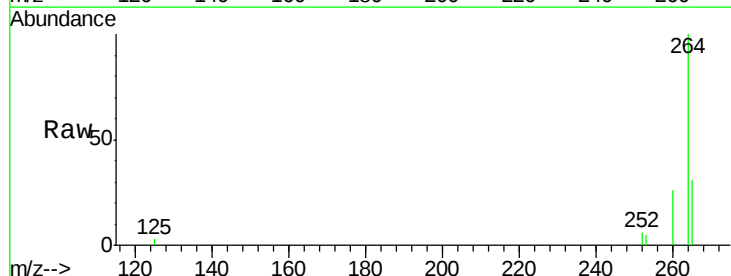
Instrument :
BNA_E
ClientSampleId :
ICVBE061719

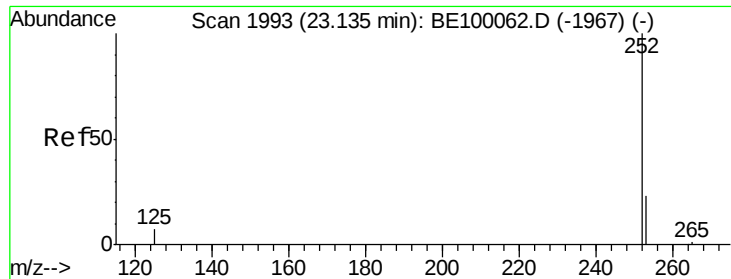
Tot Ion:276 Resp: 12664
Ion Ratio Lower Upper
276 100
138 13.5 10.7 16.1
277 24.5 19.1 28.7



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BE100067.D
Acq: 17 Jun 2019 17:25

Tgt Ion:264 Resp: 8970
Ion Ratio Lower Upper
264 100
260 25.6 20.6 31.0
265 31.1 23.6 35.4





#35

Benzo(b)fluoranthene

Concen: 0.400 ng

RT: 23.15 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

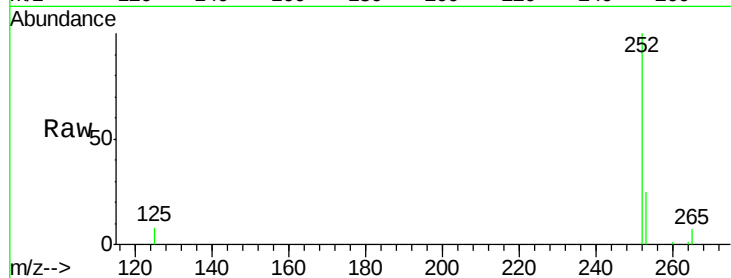
Tot Ion:252 Resp: 10336

Ion Ratio Lower Upper

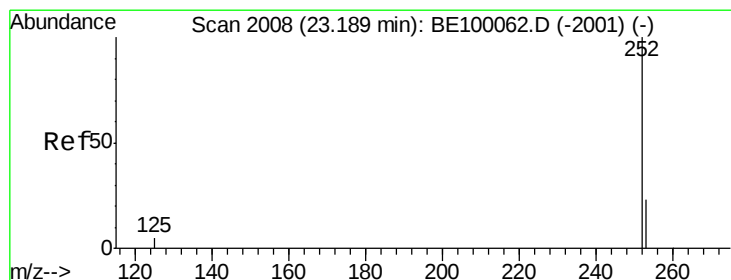
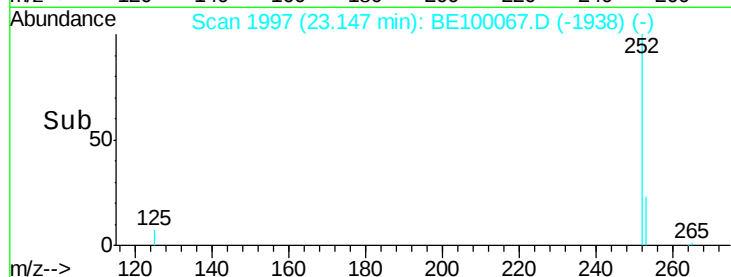
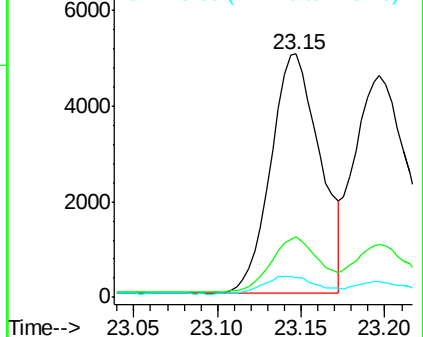
252 100

253 24.7 19.6 29.4

125 8.2 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: 0.412 ng

RT: 23.20 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

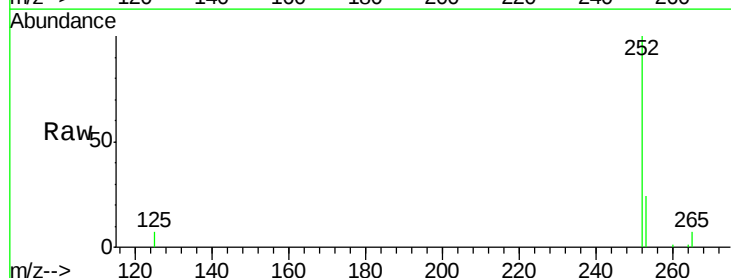
Tgt Ion:252 Resp: 11535

Ion Ratio Lower Upper

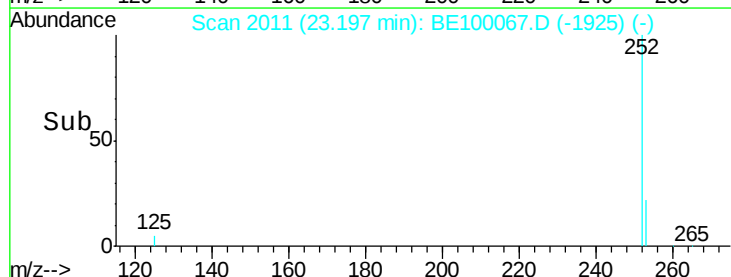
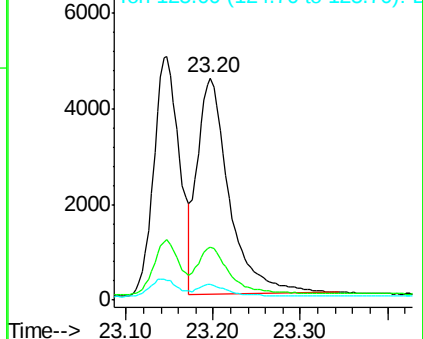
252 100

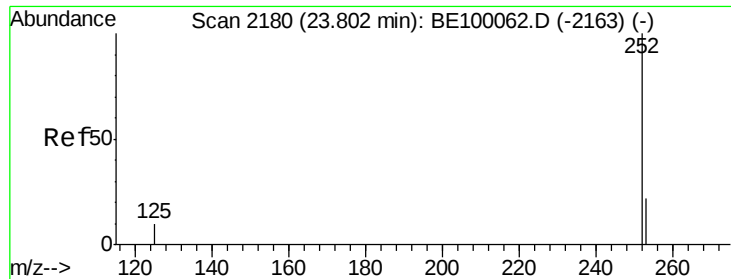
253 23.9 19.3 28.9

125 7.0 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: 0.410 ng

RT: 23.81 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

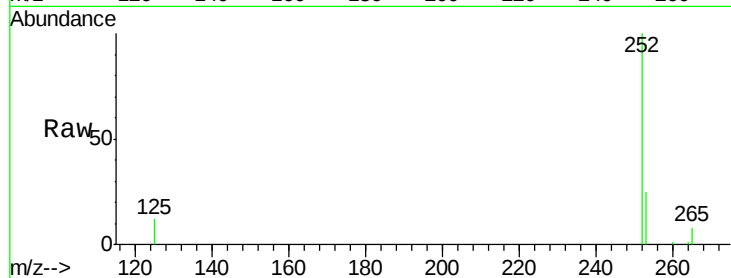
Tot Ion:252 Resp: 10518

Ion Ratio Lower Upper

252 100

253 24.6 20.0 30.0

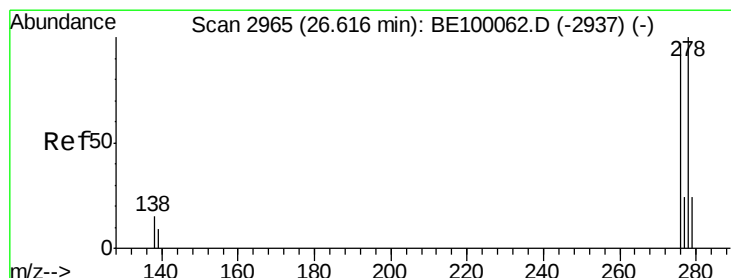
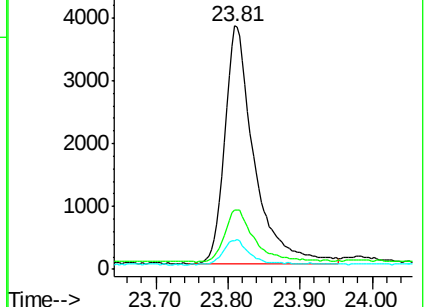
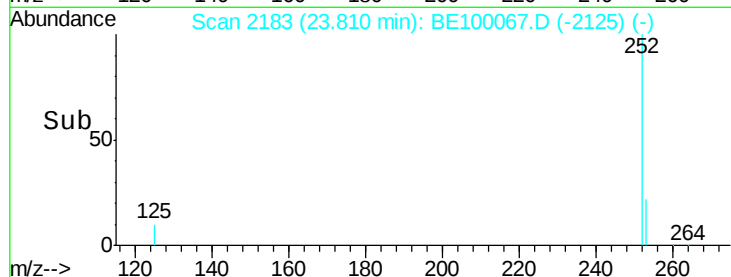
125 11.8 9.6 14.4



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: 0.391 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.02 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

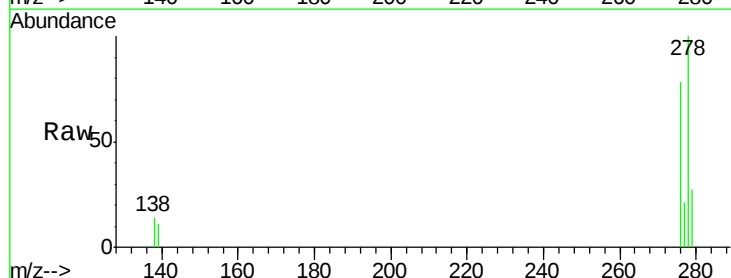
Tgt Ion:278 Resp: 9771

Ion Ratio Lower Upper

278 100

139 11.4 9.2 13.8

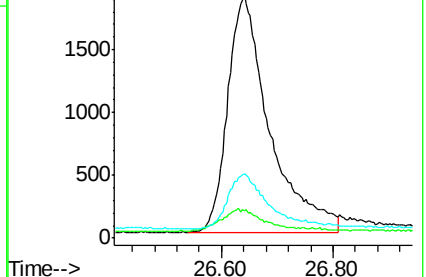
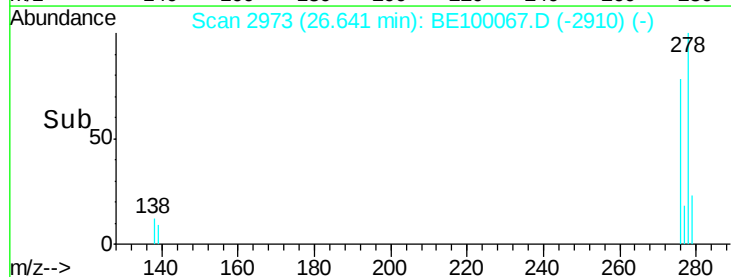
279 26.6 21.4 32.0

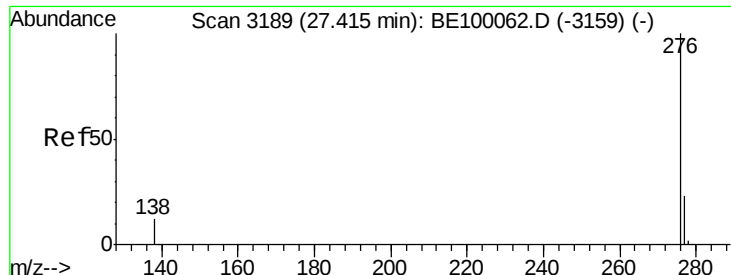


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.408 ng

RT: 27.43 min Scan# 3194

Delta R.T. 0.01 min

Lab File: BE100067.D

Acq: 17 Jun 2019 17:25

Instrument :

BNA_E

ClientSampleId :

ICVBE061719

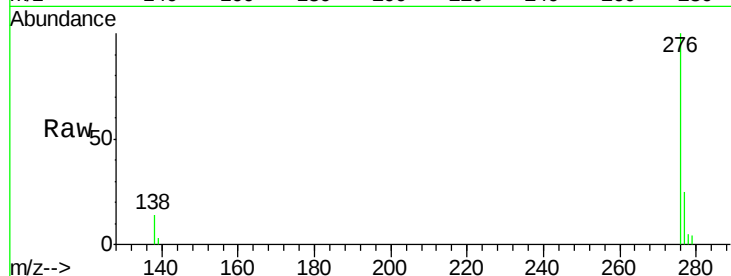
Tot Ion: 276 Resp: 10794

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 14.0 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

