

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100066.D
 Acq On : 17 Jun 2019 14:56
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 15:35:41 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	7.77	152	727	0.40	ng	-0.01
7) Naphthalene-d8	10.57	136	2663	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2029	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6098	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9906	0.40	ng	0.00
34) Perylene-d12	23.91	264	9939	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	10425	5.31	ng	-0.01
5) Phenol-d6	6.94	99	13488	5.34	ng	-0.02
8) Nitrobenzene-d5	8.94	82	15017	5.96	ng	-0.03
11) 2-Methylnaphthalene-d10	12.18	152	24984	5.38	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	7855	5.24	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	40729	5.29	ng	-0.01
25) Fluoranthene-d10	19.23	212	440789	4.96	ng	0.00
29) Terphenyl-d14	19.83	244	90352	5.07	ng	0.00

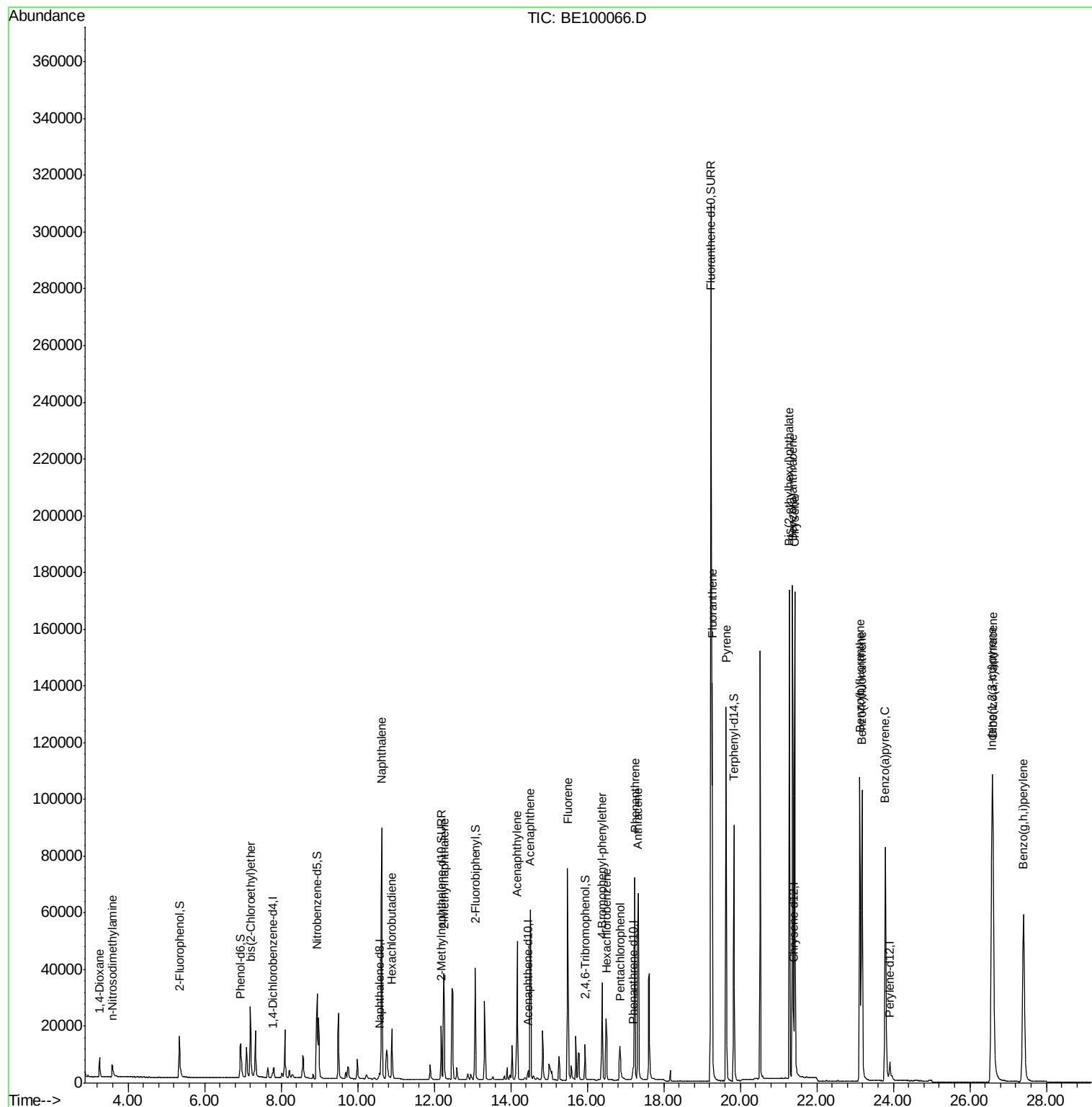
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	5640	5.242	ng	94
3) n-Nitrosodimethylamine	3.58	42	3574	5.761	ng	# 100
6) bis(2-Chloroethyl)ether	7.20	93	11555	5.596	ng	# 75
9) Naphthalene	10.63	128	147138	5.118	ng	# 97
10) Hexachlorobutadiene	10.90	225	12323	5.620	ng	98
12) 2-Methylnaphthalene	12.25	142	26238	5.618	ng	97
16) Acenaphthylene	14.17	152	52830	5.233	ng	99
17) Acenaphthene	14.51	154	28526	5.189	ng	99
18) Fluorene	15.49	166	43218	5.237	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	19439	5.627	ng	96
21) Hexachlorobenzene	16.49	284	19443	5.507	ng	98
22) Pentachlorophenol	16.85	266	8513	7.698	ng	# 78
23) Phenanthrene	17.24	178	78974	5.337	ng	99
24) Anthracene	17.34	178	78062	5.754	ng	98
26) Fluoranthene	19.26	202	126377	5.025	ng	99
28) Pyrene	19.63	202	128764	4.948	ng	100
30) Benzo(a)anthracene	21.37	228	161030	5.439	ng	98
31) Chrysene	21.43	228	155007	5.064	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	202987	4.777	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	191534	5.276	ng	99
35) Benzo(b)fluoranthene	23.13	252	153135	5.498	ng	# 94
36) Benzo(k)fluoranthene	23.18	252	158183	5.430	ng	# 95
37) Benzo(a)pyrene	23.79	252	149161	5.437	ng	# 91
38) Dibenzo(a,h)anthracene	26.60	278	157074	5.684	ng	# 94
39) Benzo(g,h,i)perylene	27.40	276	156310	5.475	ng	97

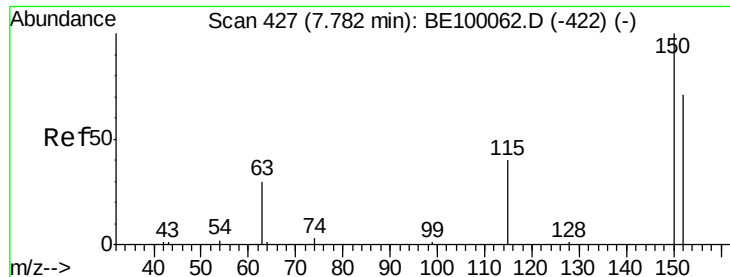
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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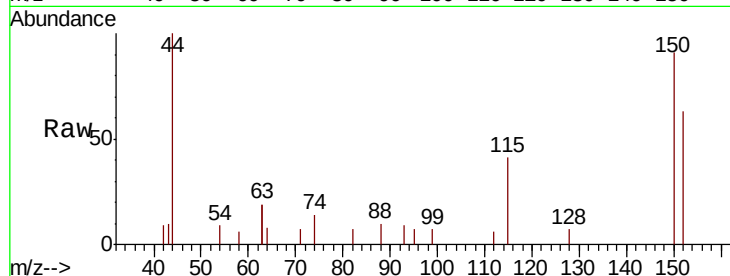


#1

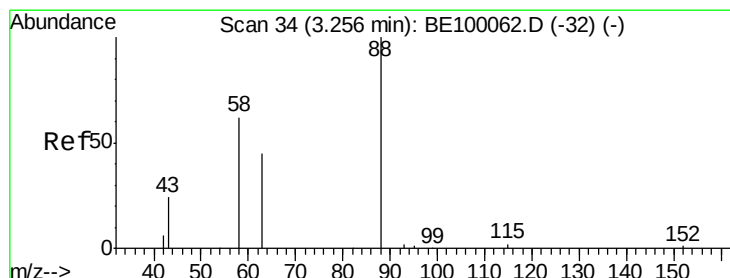
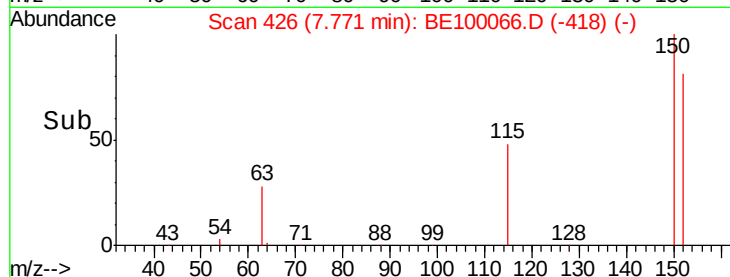
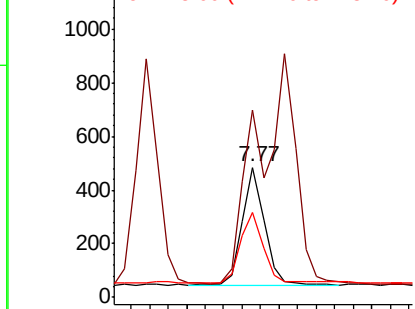
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	109.5	164.3
115	65.2	52.6	78.8



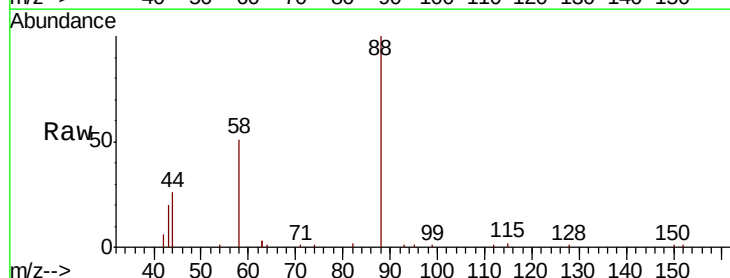
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



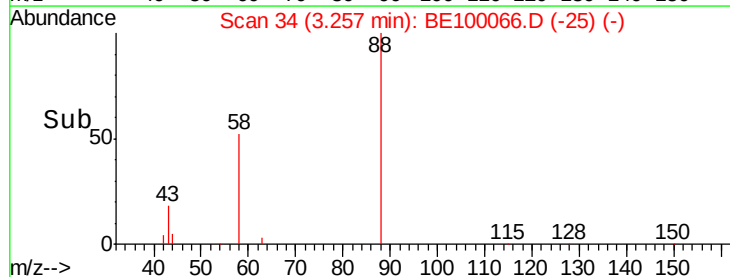
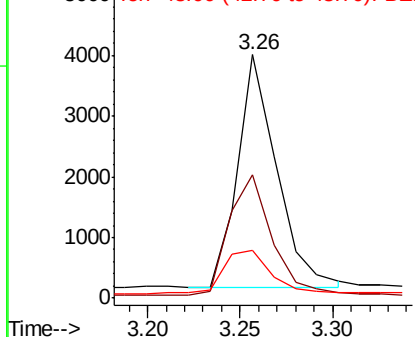
#2

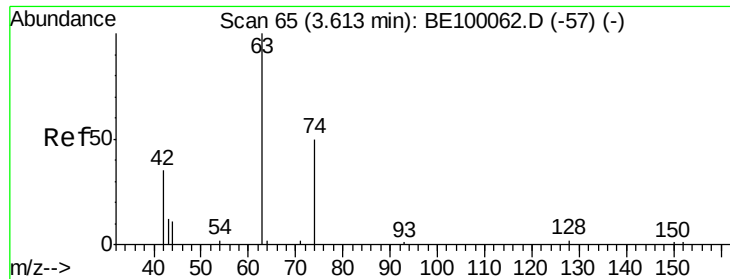
1,4-Dioxane
Concen: 5.242 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	41.9	62.9
43	21.9	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: 5.761 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.03 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

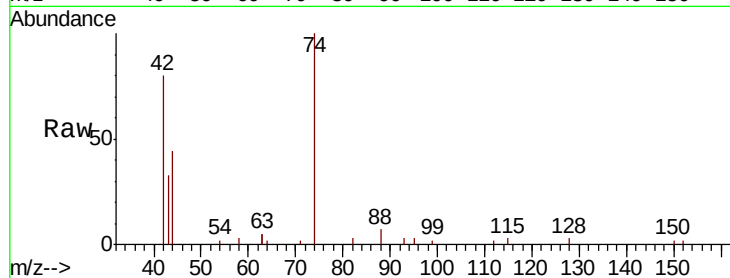
Tot Ion: 42 Resp: 3574

Ion Ratio Lower Upper

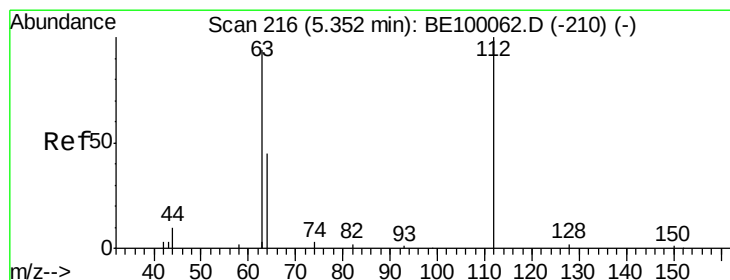
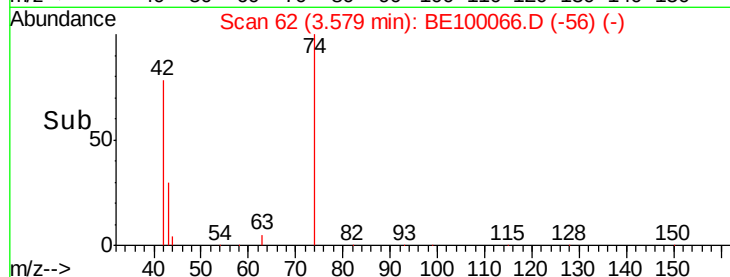
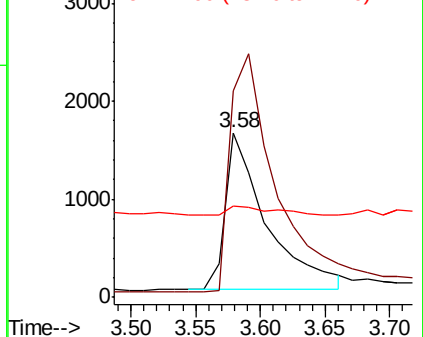
42 100

74 169.0 0.0 0.0#

44 6.0 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: 5.312 ng

RT: 5.34 min Scan# 215

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

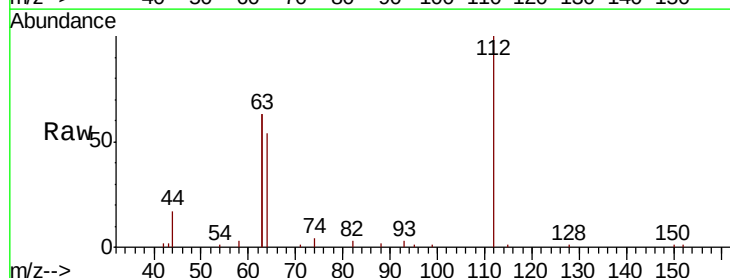
Tgt Ion: 112 Resp: 10425

Ion Ratio Lower Upper

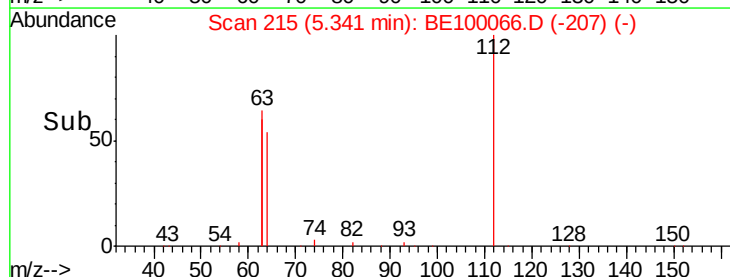
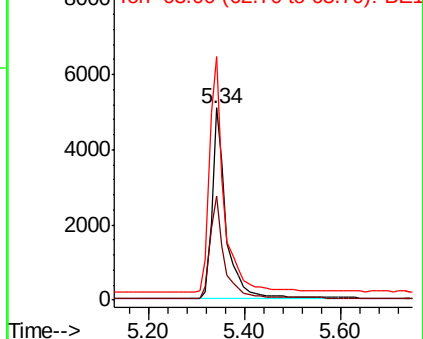
112 100

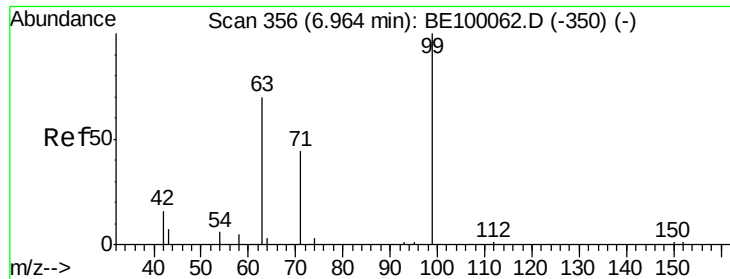
64 54.1 39.6 59.4

63 128.5 113.0 169.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 5.337 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.02 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

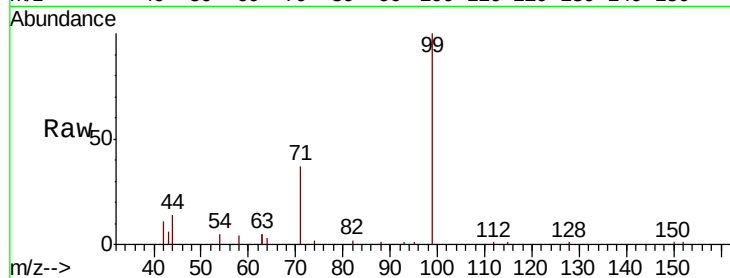
Tot Ion: 99 Resp: 13488

Ion Ratio Lower Upper

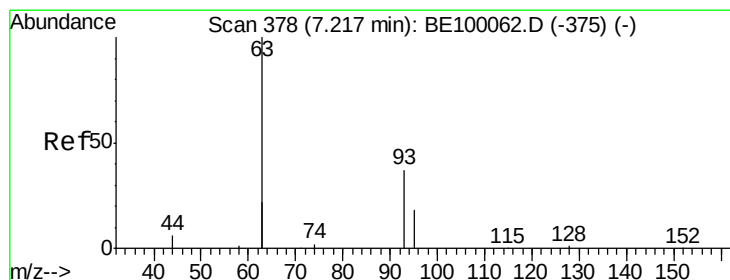
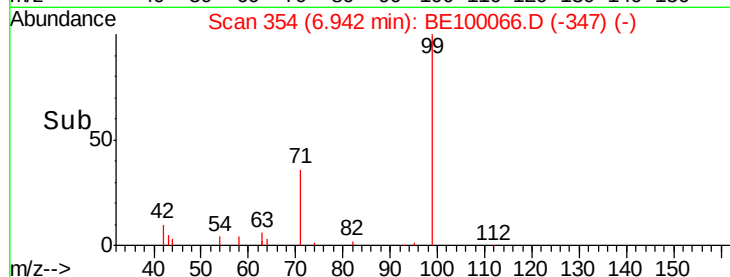
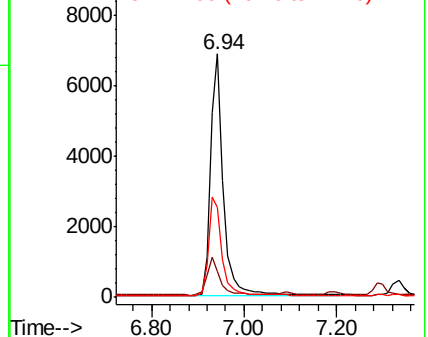
99 100

42 15.5 11.4 17.2

71 42.8 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: 5.596 ng

RT: 7.20 min Scan# 376

Delta R.T. -0.02 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

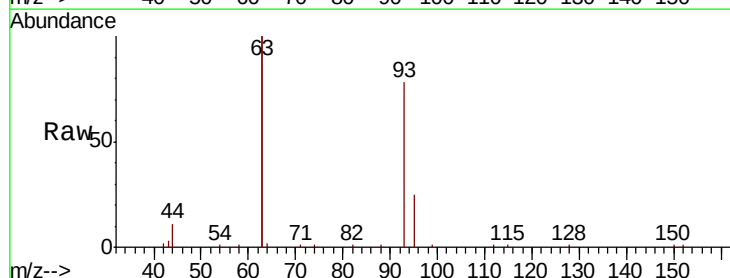
Tgt Ion: 93 Resp: 11555

Ion Ratio Lower Upper

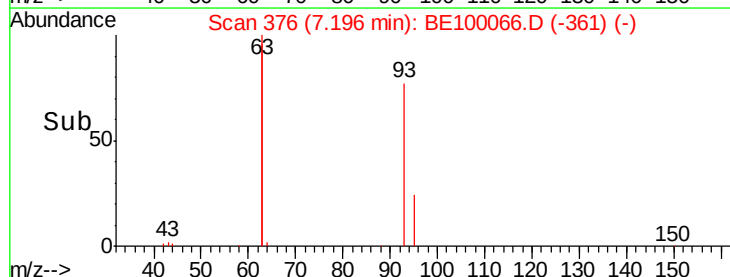
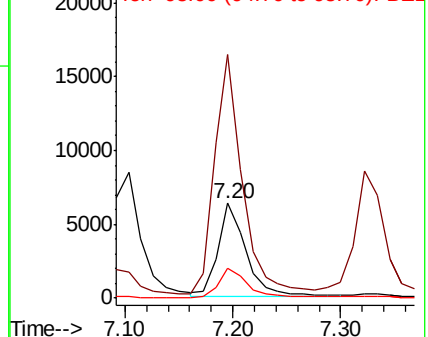
93 100

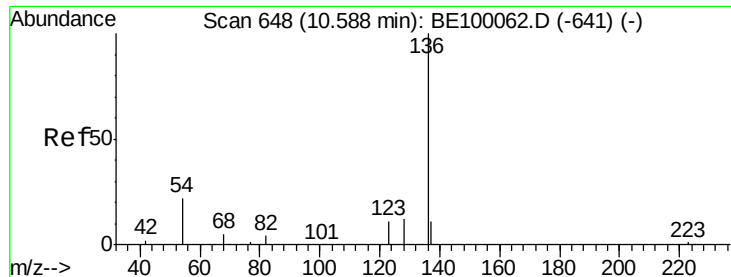
63 250.8 165.0 247.6#

95 31.1 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: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 2663

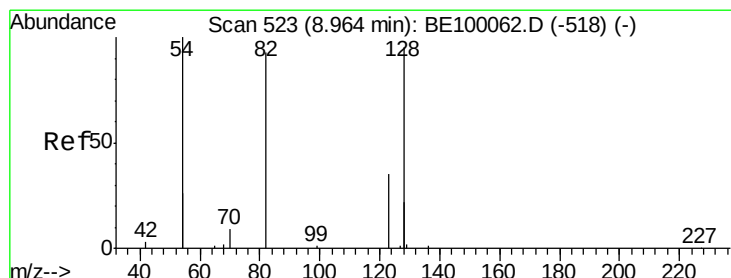
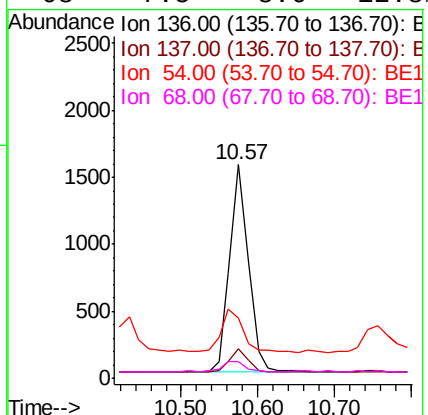
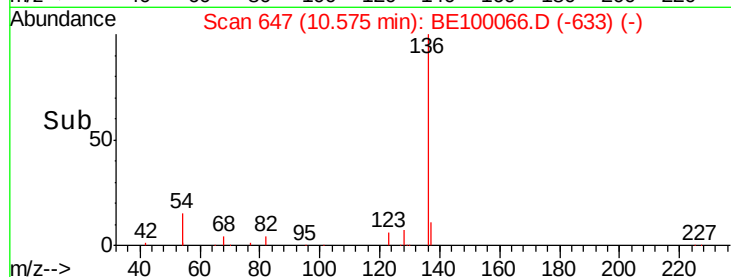
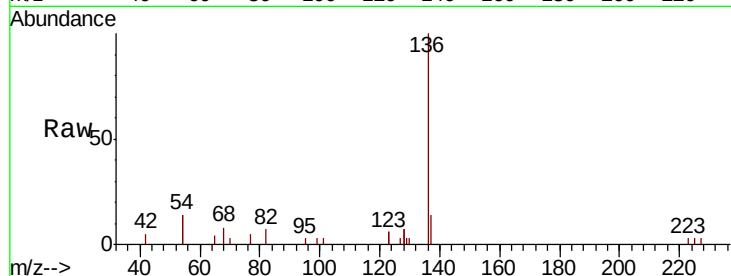
Ion Ratio Lower Upper

136 100

137 13.6 12.6 19.0

54 28.2 33.0 49.6#

68 7.5 8.6 12.8#



#8

Nitrobenzene-d5

Concen: 5.956 ng

RT: 8.94 min Scan# 521

Delta R.T. -0.03 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

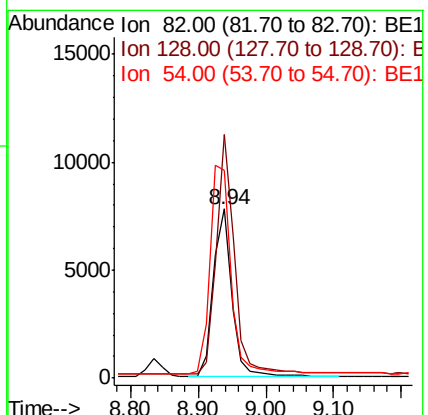
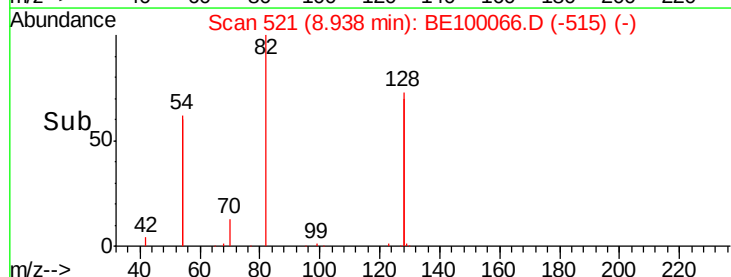
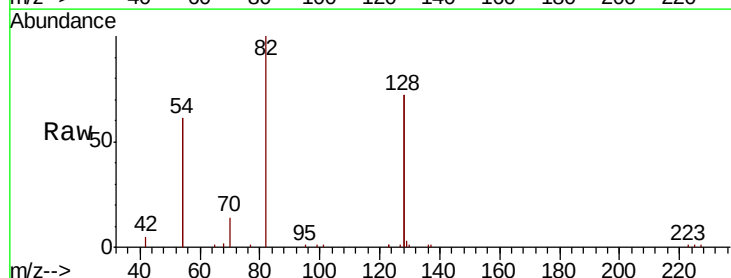
Tgt Ion: 82 Resp: 15017

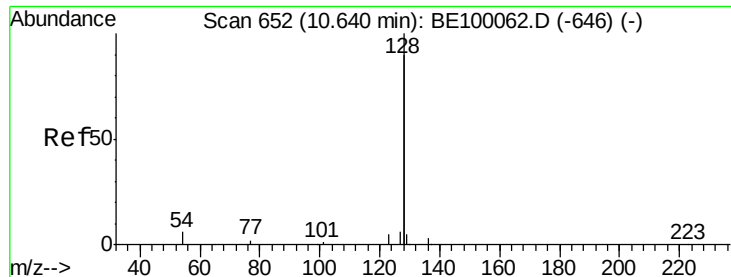
Ion Ratio Lower Upper

82 100

128 144.0 134.6 201.8

54 122.6 141.6 212.4#





#9

Naphthalene

Concen: 5.118 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

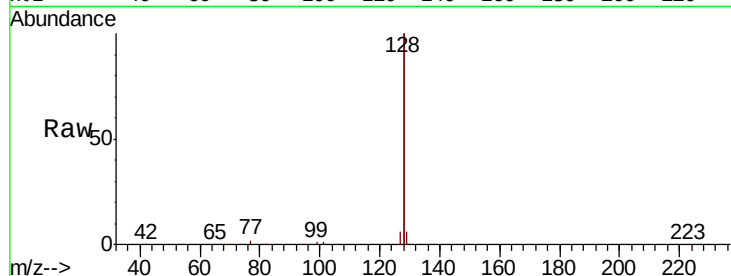
Tot Ion:128 Resp: 147138

Ion Ratio Lower Upper

128 100

129 2.8 3.0 4.4#

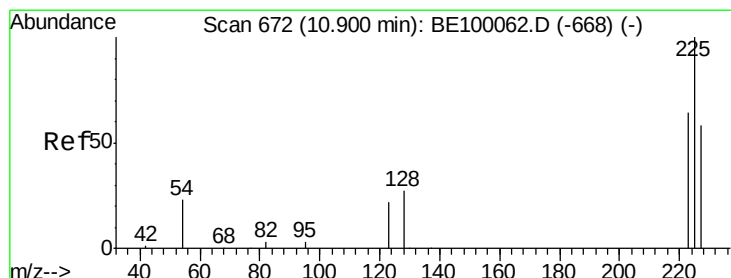
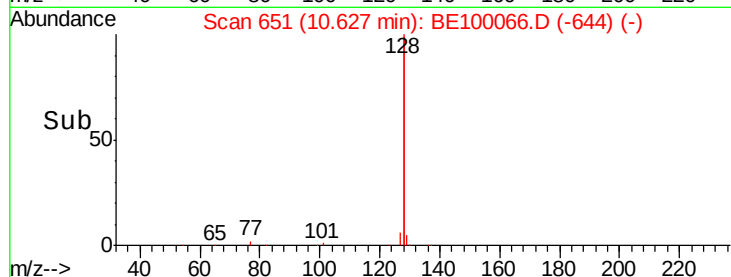
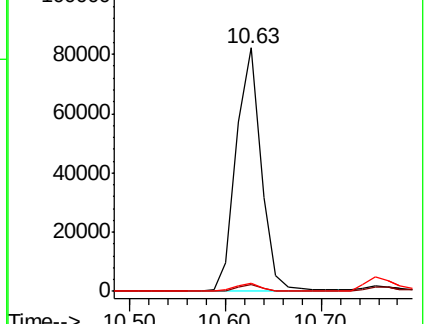
127 3.2 3.4 5.0#



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: 5.620 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

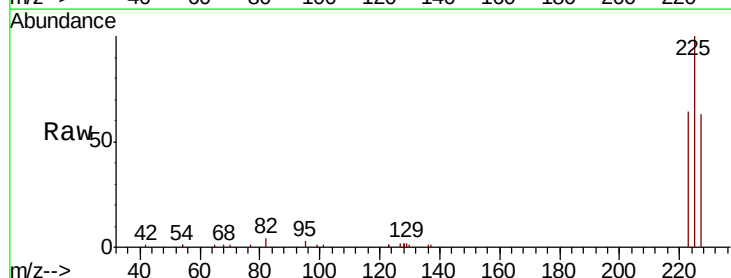
Tgt Ion:225 Resp: 12323

Ion Ratio Lower Upper

225 100

223 62.6 51.1 76.7

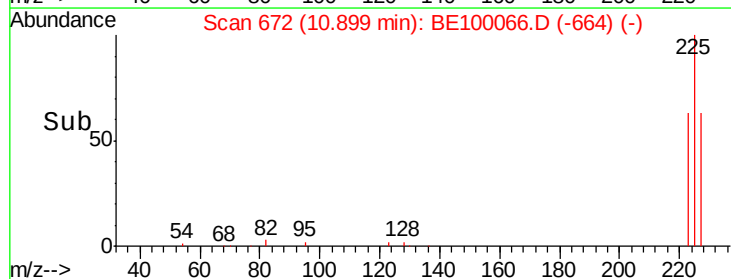
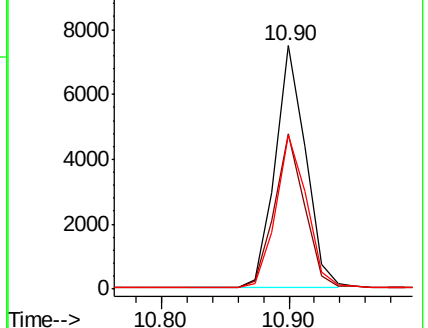
227 63.8 51.9 77.9

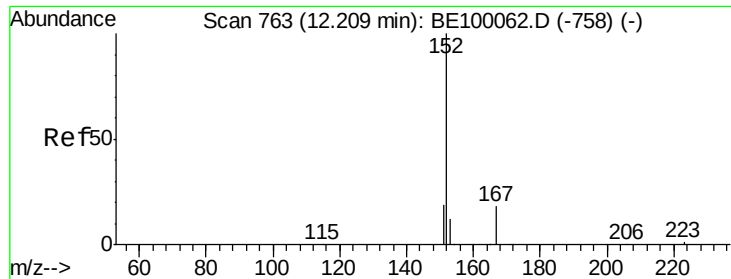


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

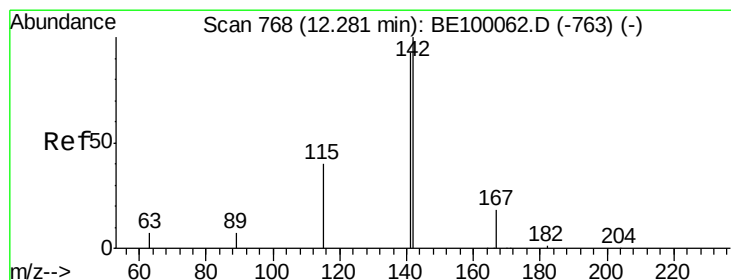
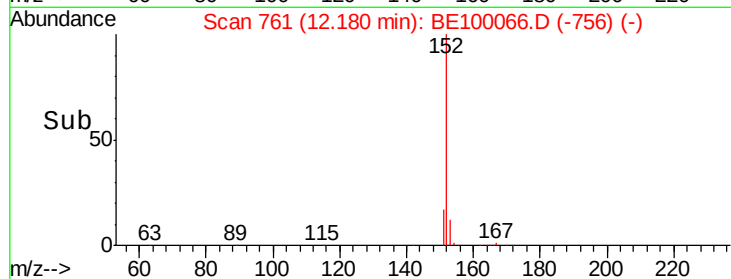
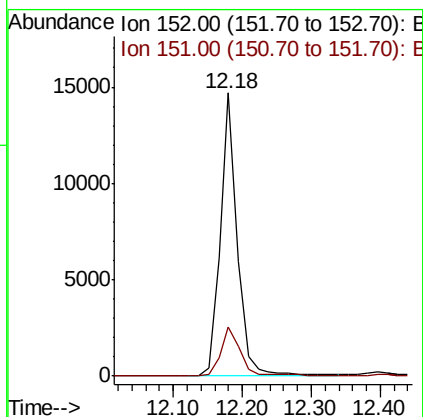
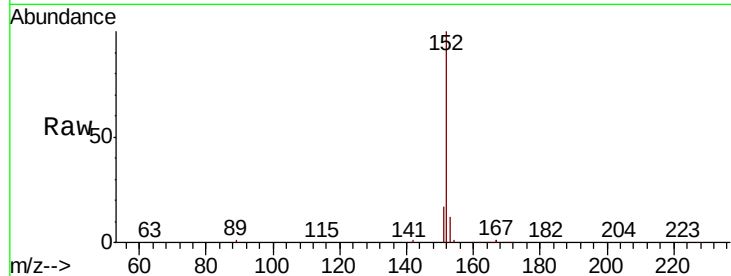




#11
2-Methylnaphthalene-d10
Concen: 5.380 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

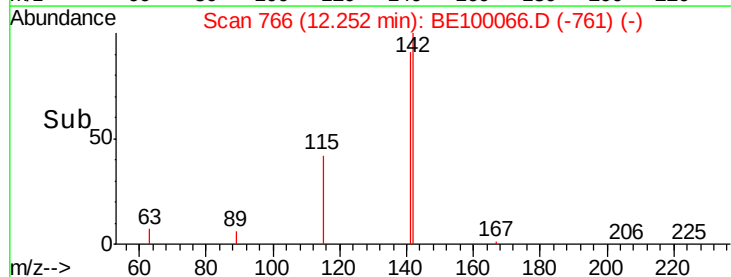
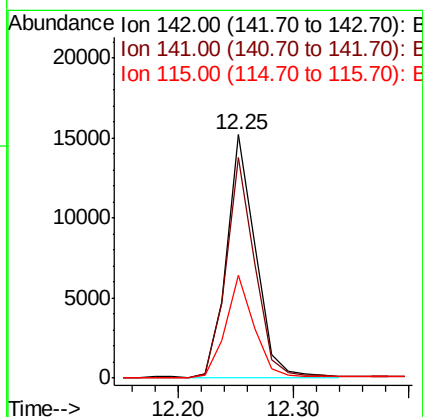
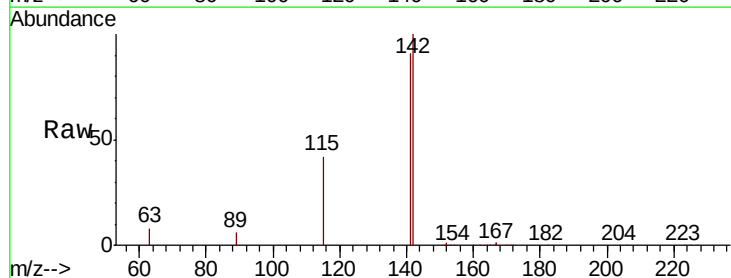
Instrument :
BNA_G
ClientSampleId :

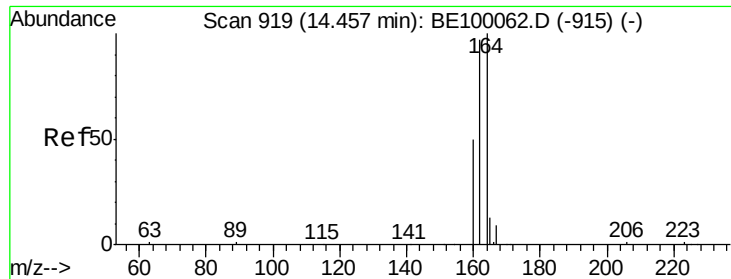
Tot Ion:152 Resp: 24984
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#12
2-Methylnaphthalene
Concen: 5.618 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.03 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Tgt Ion:142 Resp: 26238
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
115 42.0 36.5 54.7

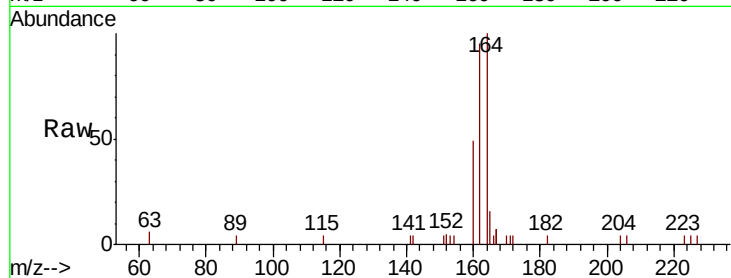




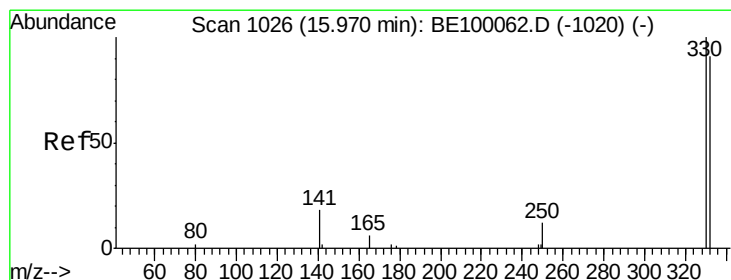
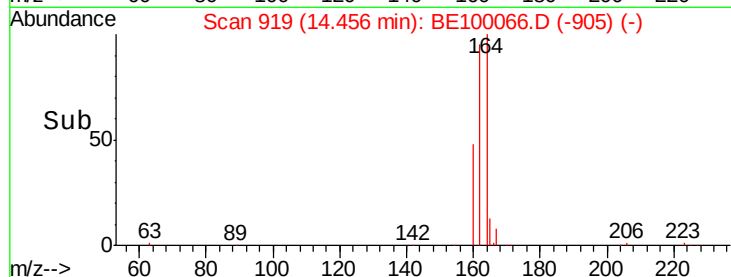
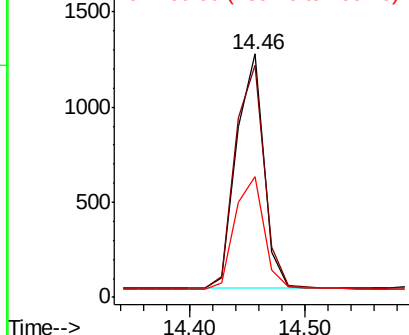
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 2029
Ion Ratio Lower Upper
164 100
162 95.4 77.6 116.4
160 49.5 41.7 62.5

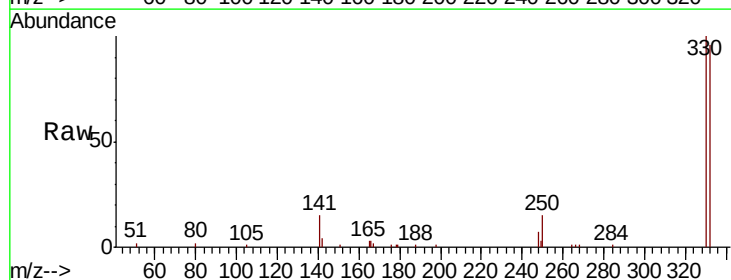


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

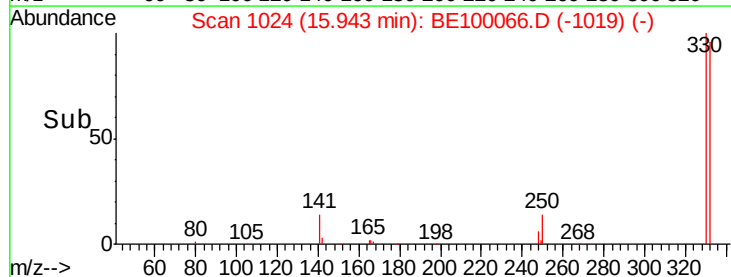
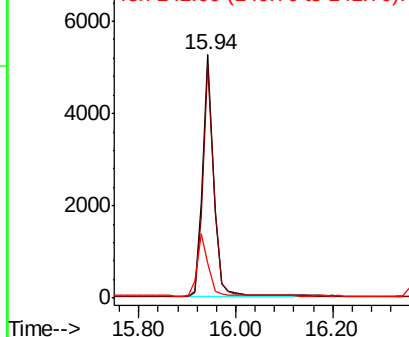


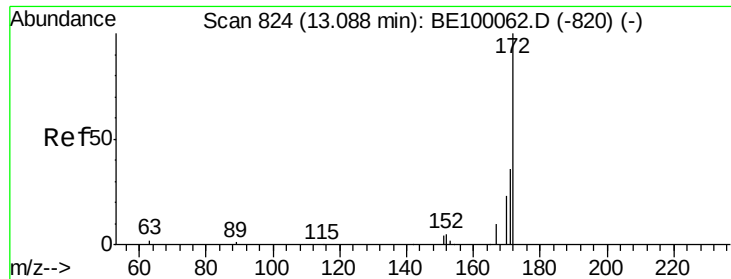
#14
2,4,6-Tribromophenol
Concen: 5.238 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Tgt Ion:330 Resp: 7855
Ion Ratio Lower Upper
330 100
332 95.5 74.7 112.1
141 25.9 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

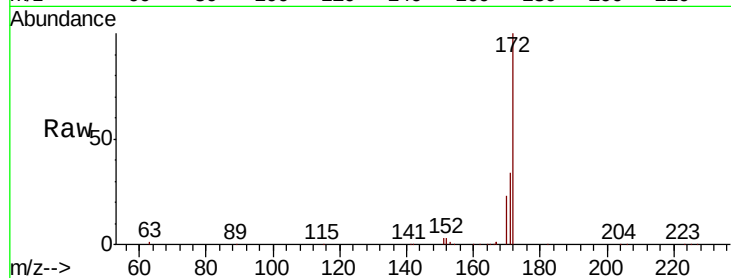




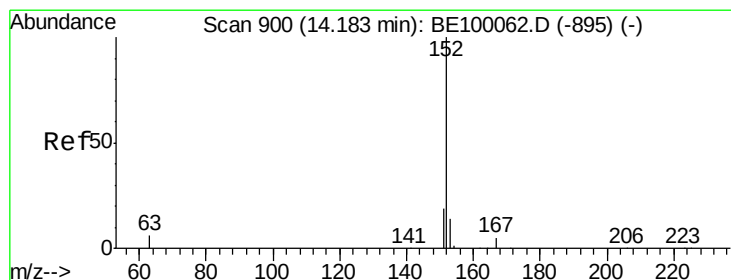
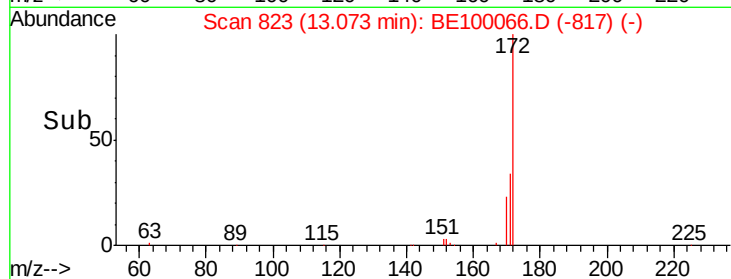
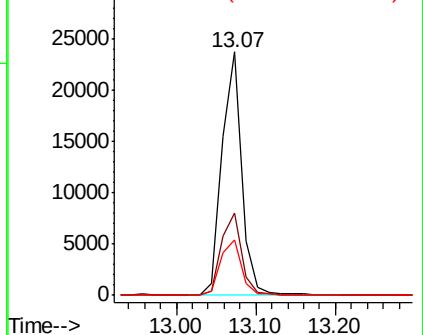
#15
2-Fluorobiphenyl
Concen: 5.295 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 40729
Ion Ratio Lower Upper
172 100
171 33.8 31.0 46.6
170 23.0 21.3 31.9

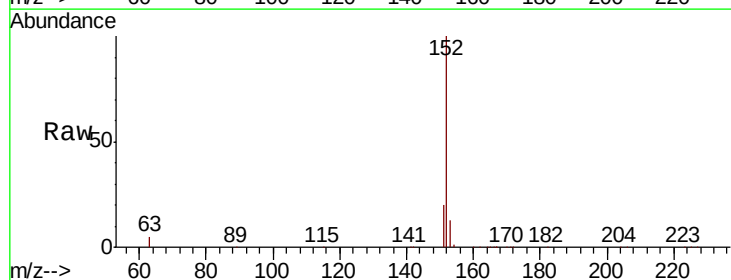


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

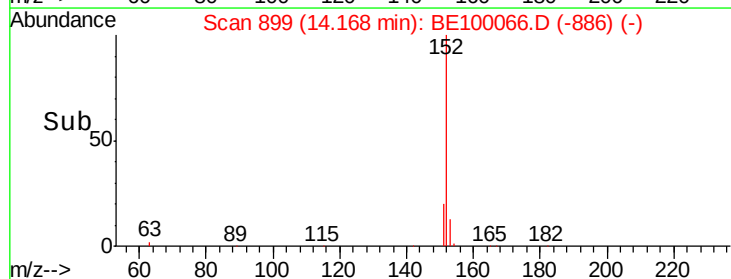
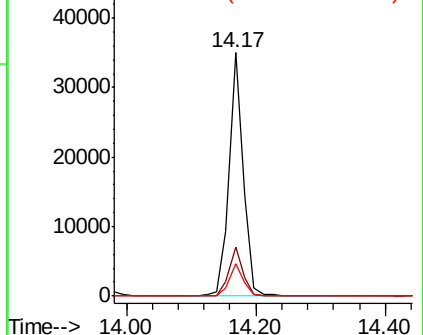


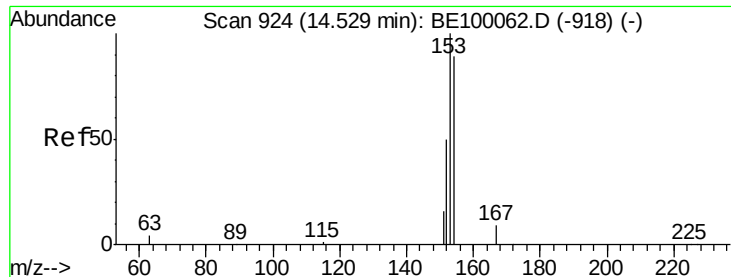
#16
Acenaphthylene
Concen: 5.233 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Tgt Ion:152 Resp: 52830
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 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

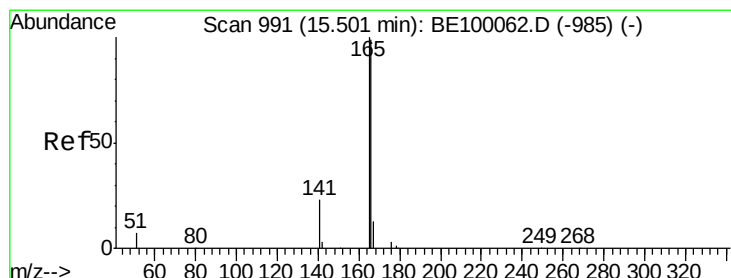
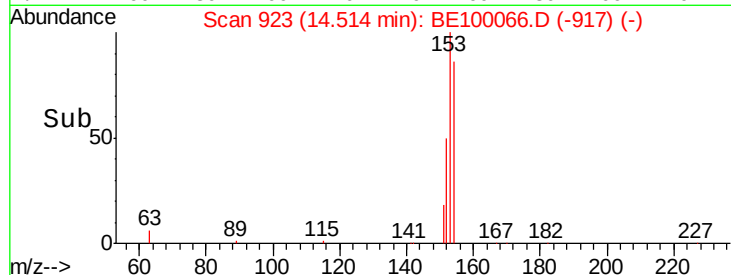
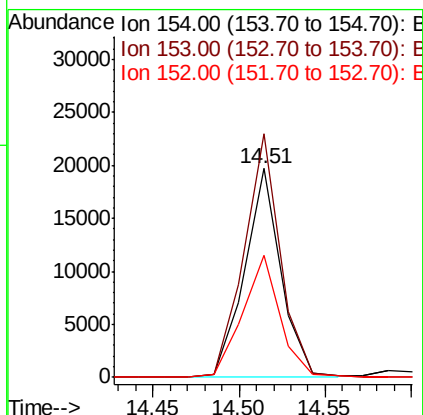
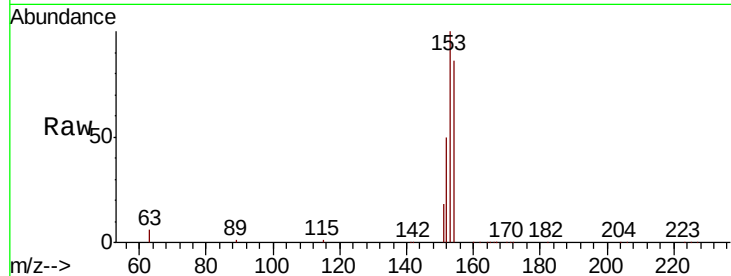




#17
Acenaphthene
Concen: 5.189 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

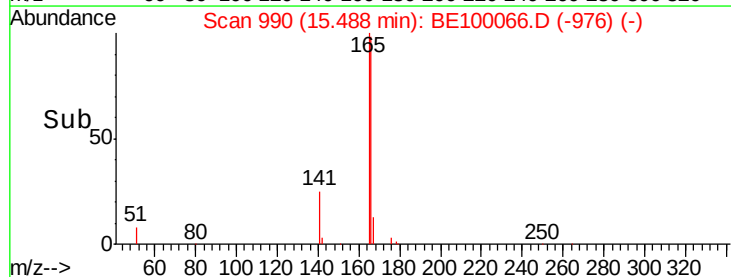
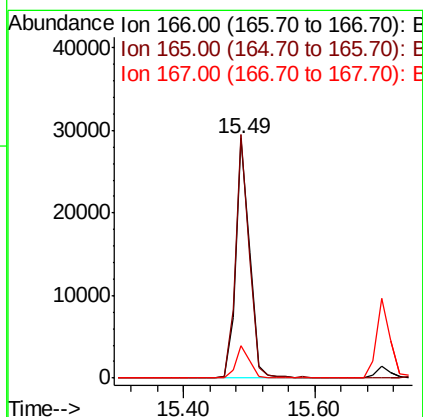
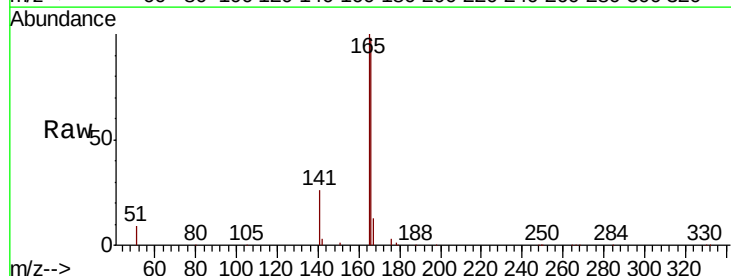
Instrument :
BNA_G
ClientSampleId :

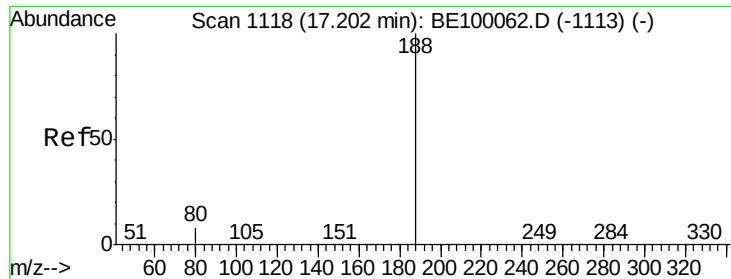
Tot Ion:154 Resp: 28526
Ion Ratio Lower Upper
154 100
153 116.8 94.3 141.5
152 59.8 49.0 73.6



#18
Fluorene
Concen: 5.237 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Tgt Ion:166 Resp: 43218
Ion Ratio Lower Upper
166 100
165 100.8 82.3 123.5
167 13.2 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

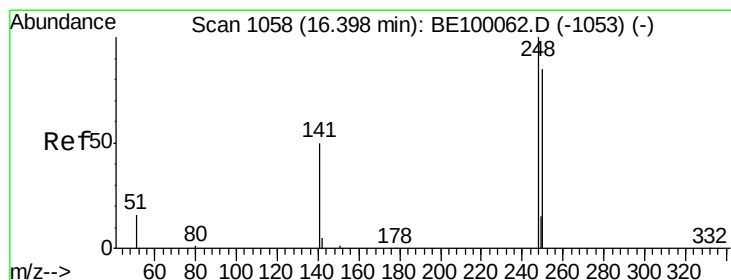
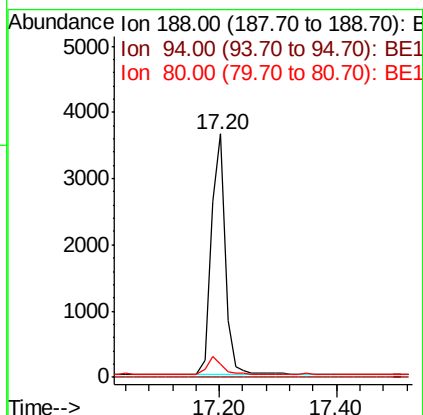
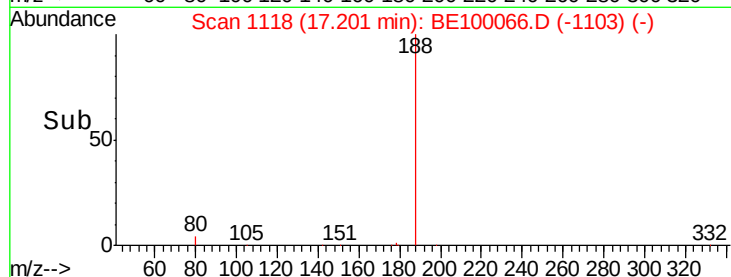
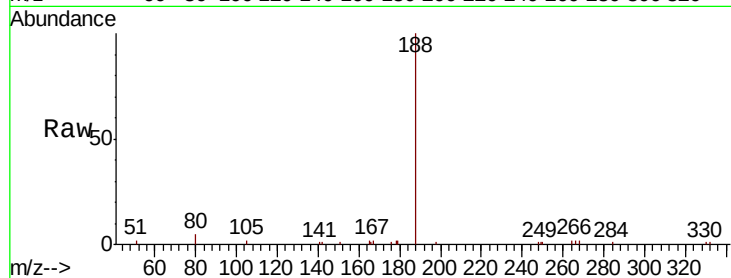
Tot Ion:188 Resp: 6098

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.5 8.2 12.4#



#20

4-Bromophenyl-phenylether

Concen: 5.627 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

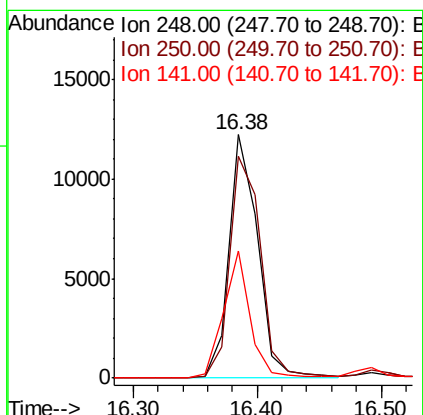
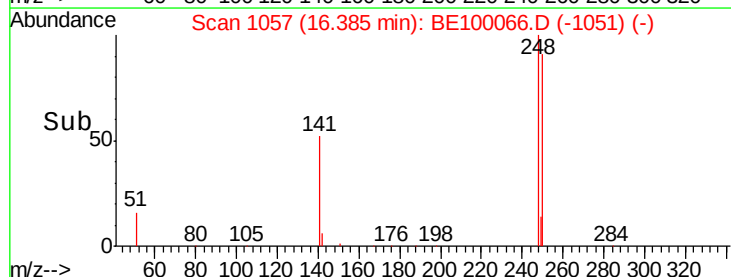
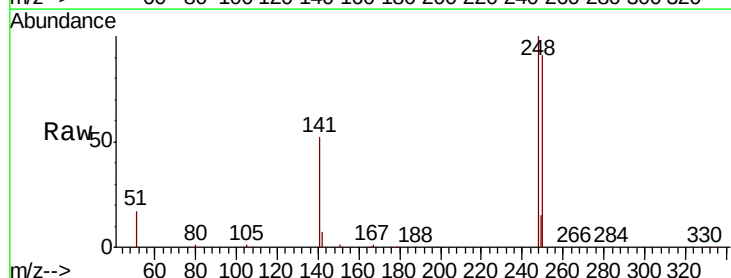
Tgt Ion:248 Resp: 19439

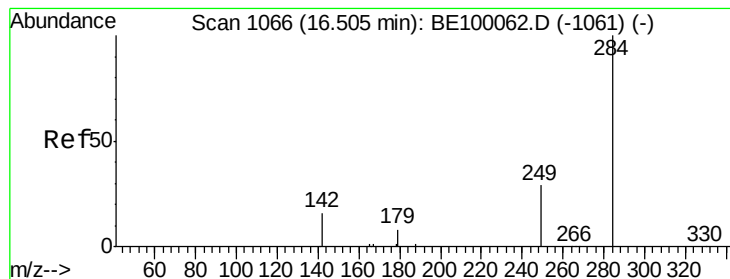
Ion Ratio Lower Upper

248 100

250 91.4 69.8 104.8

141 52.1 43.0 64.6





#21

Hexachlorobenzene

Concen: 5.507 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampled :

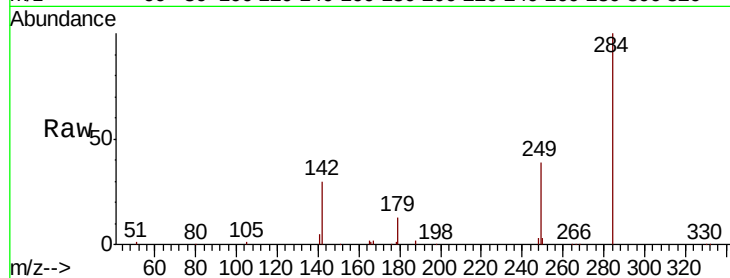
Tot Ion:284 Resp: 19443

Ion Ratio Lower Upper

284 100

142 24.6 20.3 30.5

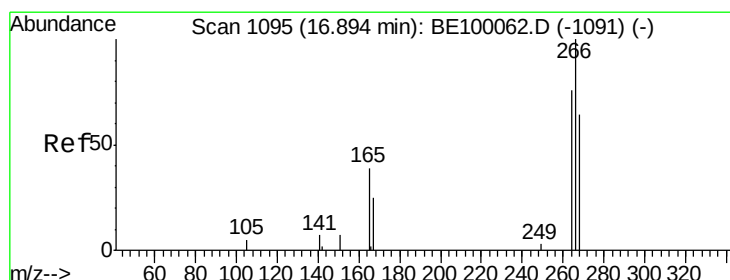
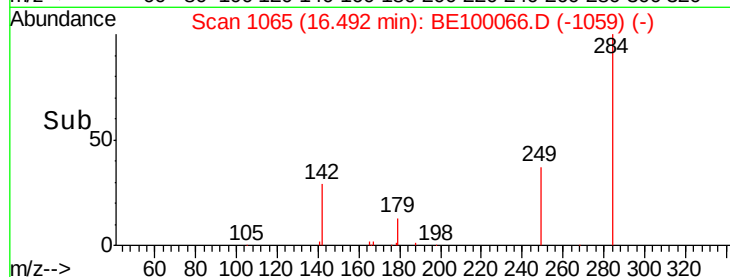
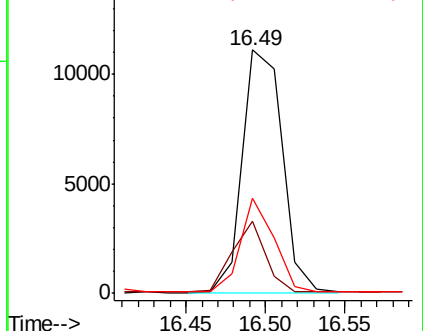
249 32.5 25.3 37.9



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: 7.698 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

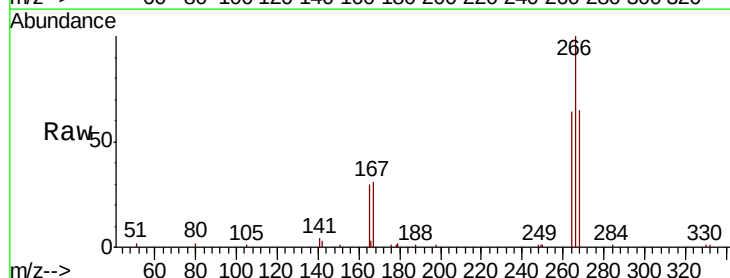
Tgt Ion:266 Resp: 8513

Ion Ratio Lower Upper

266 100

264 64.4 68.6 102.8#

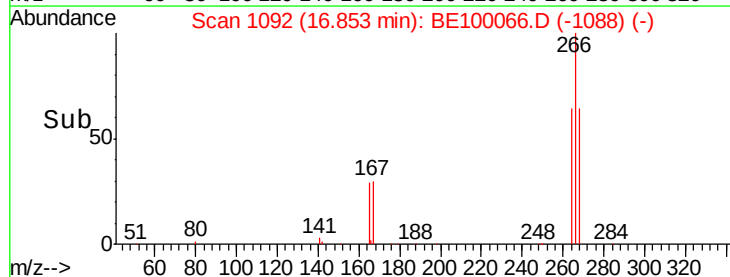
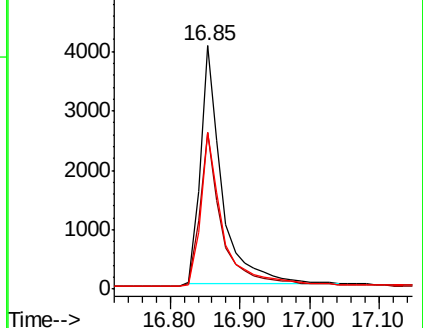
268 64.6 67.0 100.6#

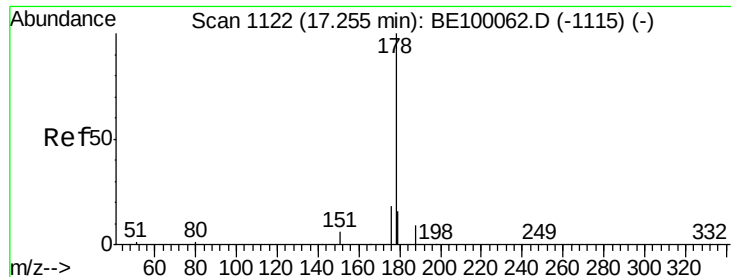


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.337 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

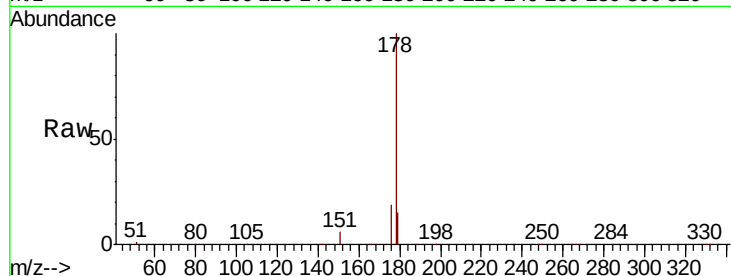
Tot Ion:178 Resp: 78974

Ion Ratio Lower Upper

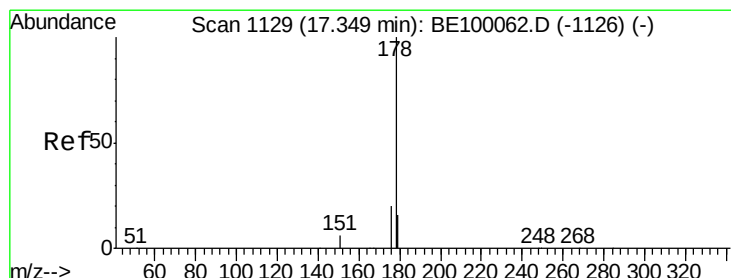
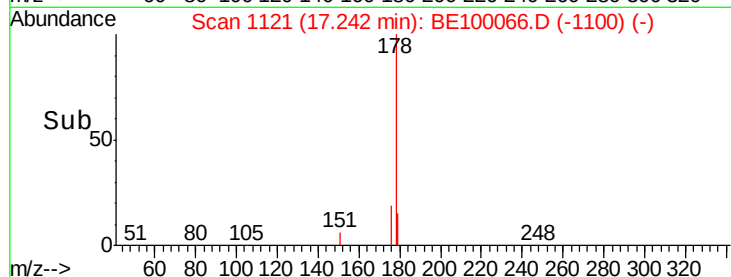
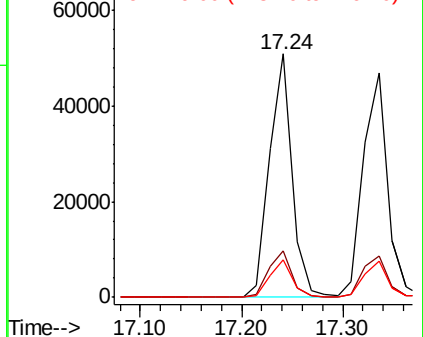
178 100

176 19.5 15.7 23.5

179 15.1 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: 5.754 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

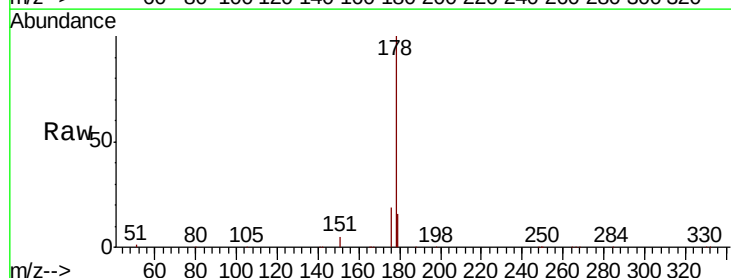
Tgt Ion:178 Resp: 78062

Ion Ratio Lower Upper

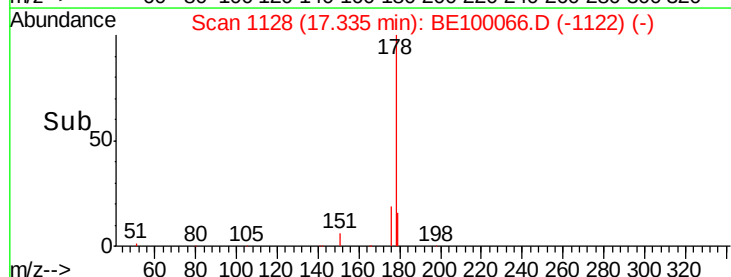
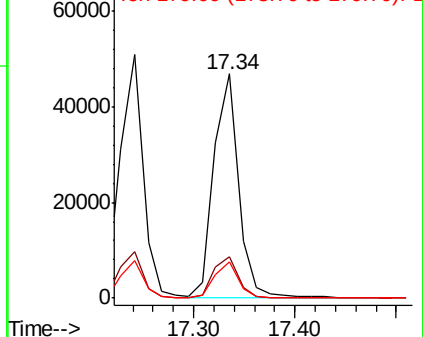
178 100

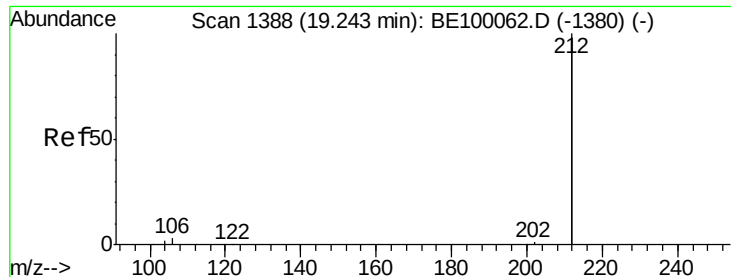
176 19.1 14.6 21.8

179 15.4 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: 4.961 ng

RT: 19.23 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

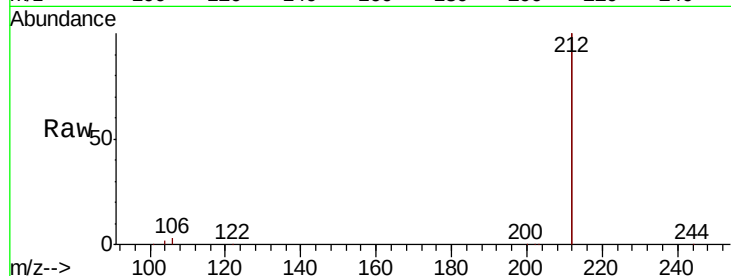
Tot Ion:212 Resp: 440789

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

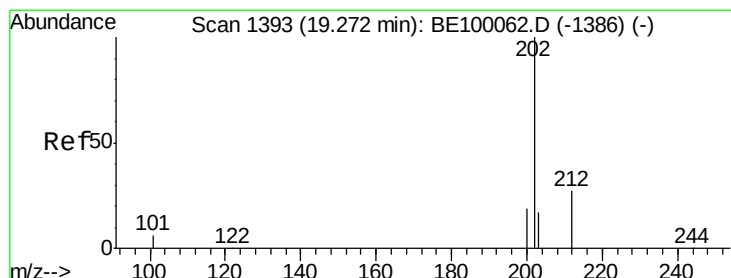
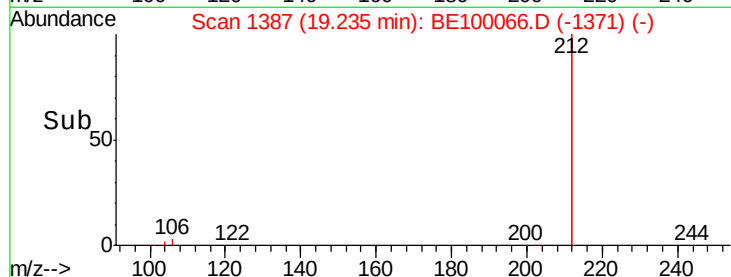
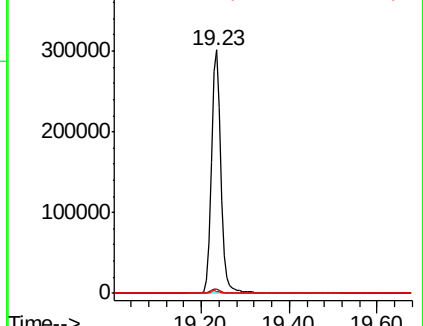
104 1.0 0.9 1.3



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: 5.025 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

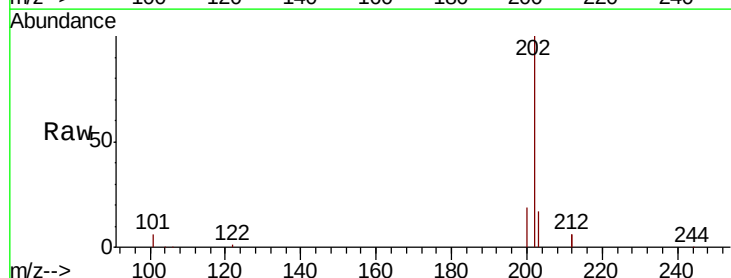
Tgt Ion:202 Resp: 126377

Ion Ratio Lower Upper

202 100

101 6.6 5.3 7.9

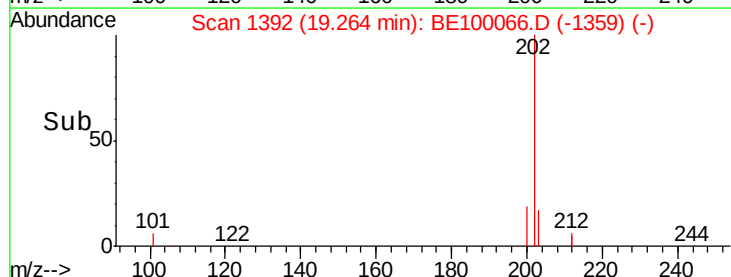
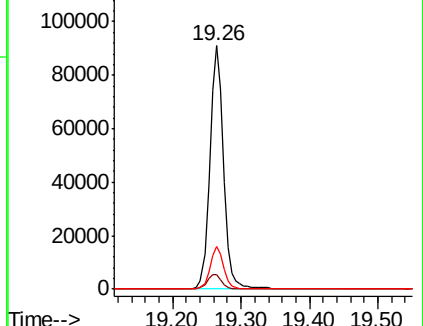
203 17.4 13.3 19.9

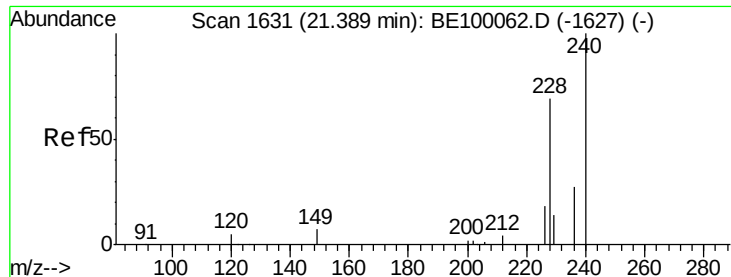


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1632

Delta R.T. -0.00 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampled :

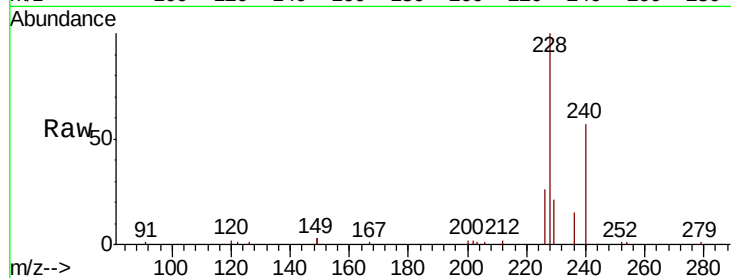
Tot Ion:240 Resp: 9906

Ion Ratio Lower Upper

240 100

120 3.6 5.4 8.0#

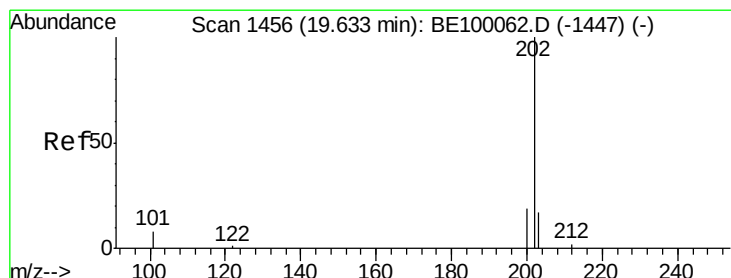
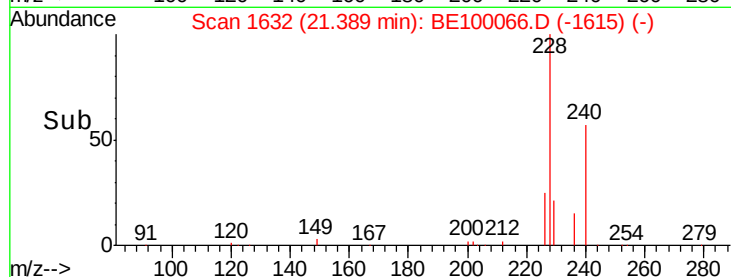
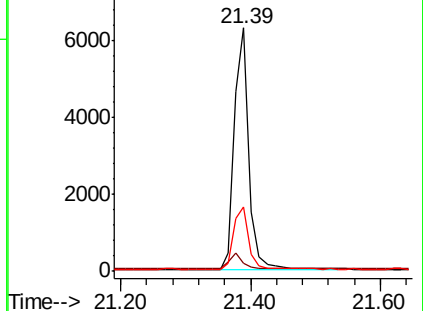
236 26.2 22.6 33.8



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: 4.948 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

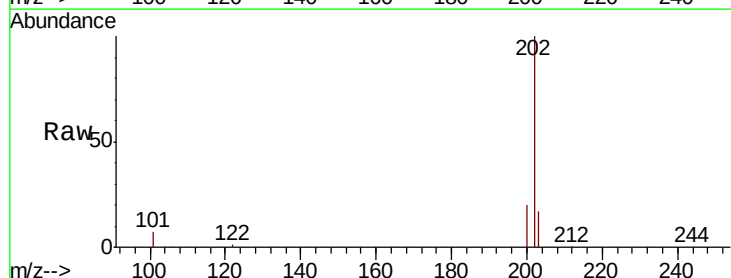
Tgt Ion:202 Resp: 128764

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

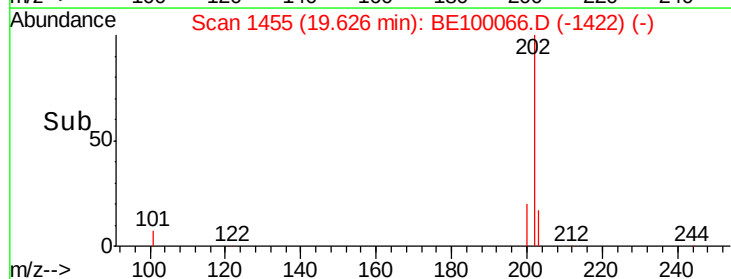
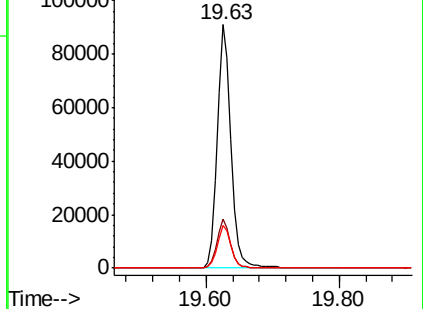
203 17.5 14.0 21.0

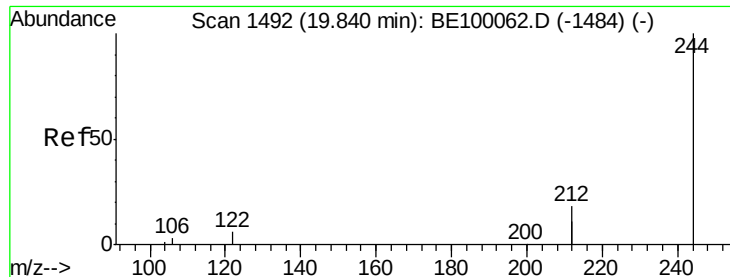


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.066 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

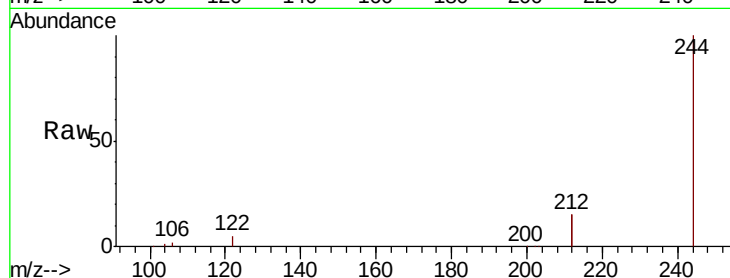
Tot Ion:244 Resp: 90352

Ion Ratio Lower Upper

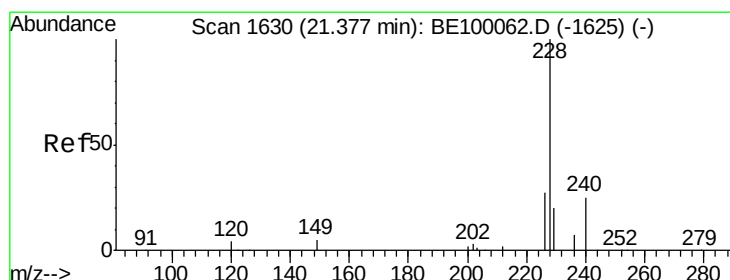
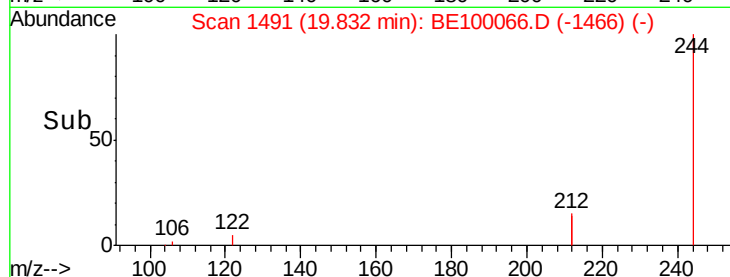
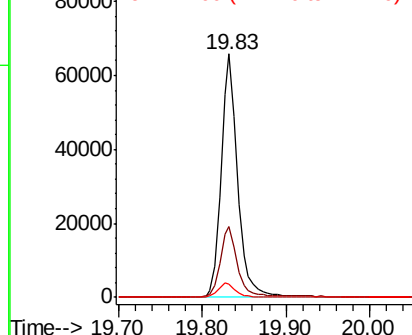
244 100

212 29.3 27.9 41.9

122 5.4 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: 5.439 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

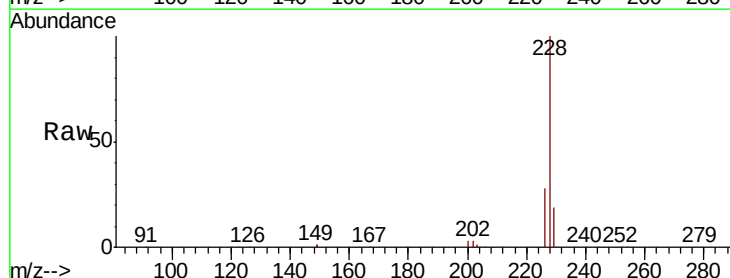
Tgt Ion:228 Resp: 161030

Ion Ratio Lower Upper

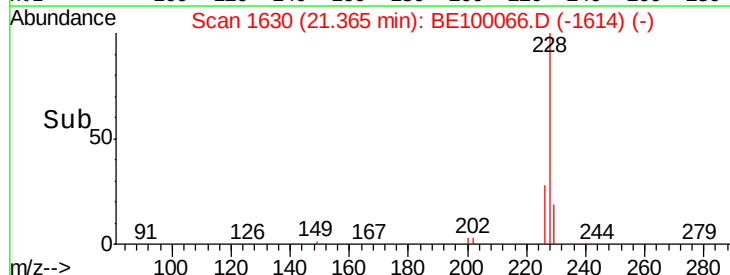
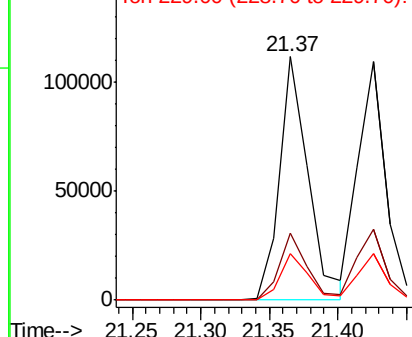
228 100

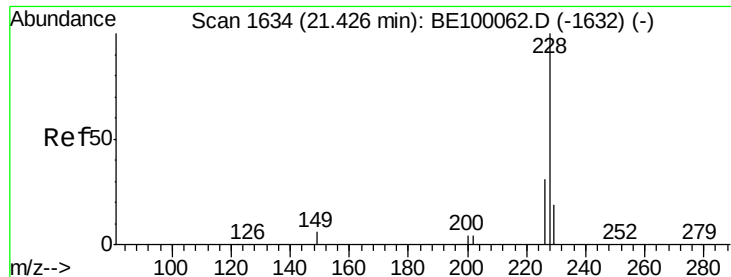
226 27.7 22.1 33.1

229 19.3 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: 5.064 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

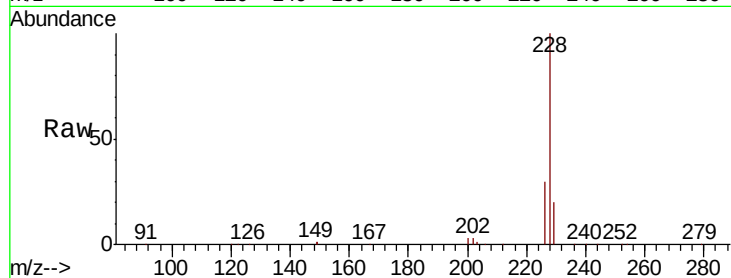
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 155007

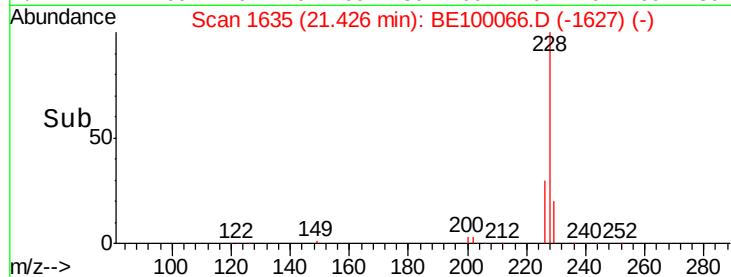
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.7	15.8	23.8



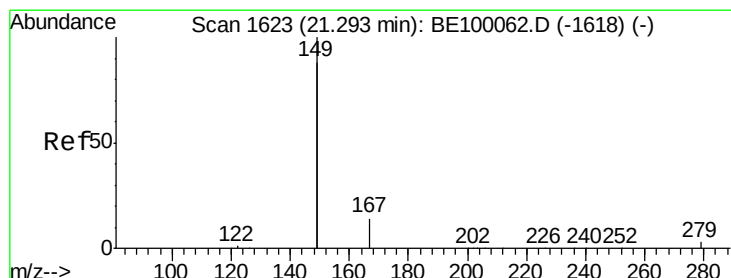
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.777 ng

RT: 21.28 min Scan# 1623

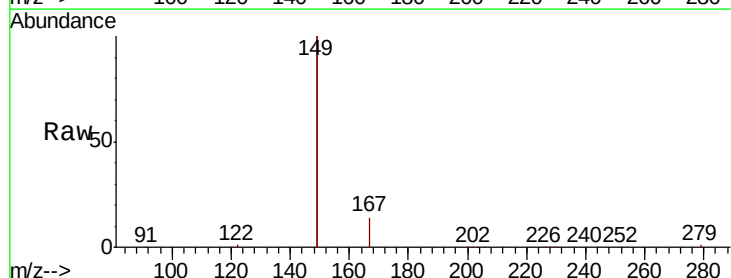
Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Tgt Ion:149 Resp: 202987

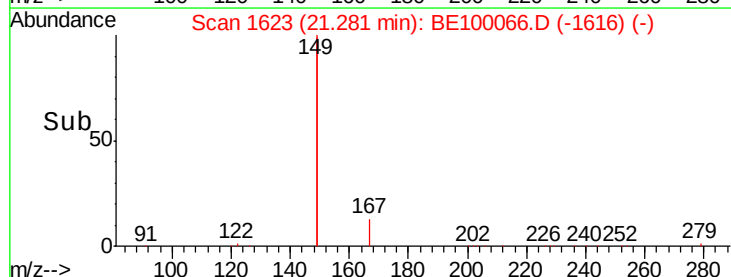
Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.4	1.0	1.6



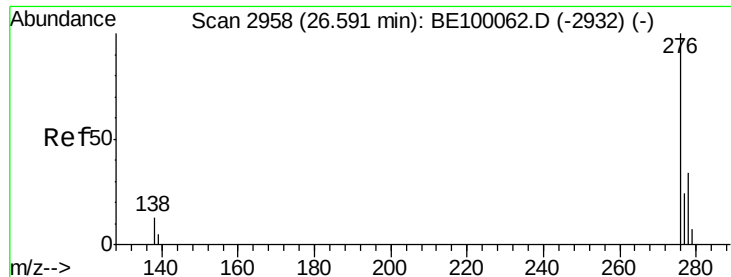
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



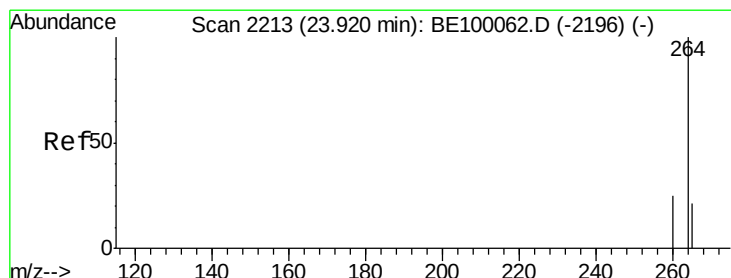
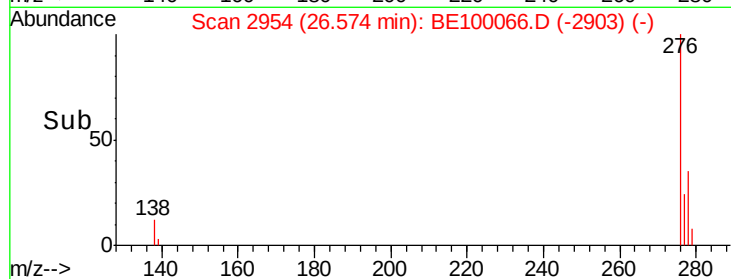
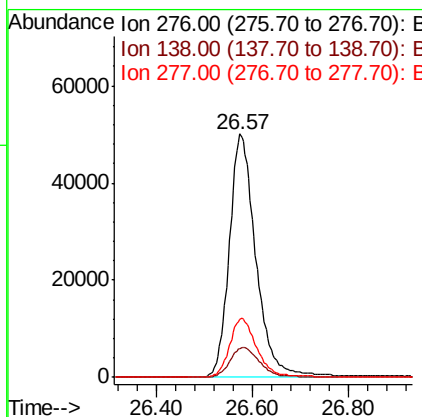
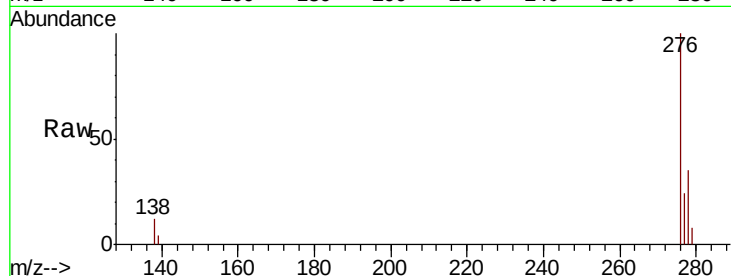
Time-->



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.276 ng
 RT: 26.57 min Scan# 2954
 Delta R.T. -0.02 min
 Lab File: BE100066.D
 Acq: 17 Jun 2019 14:56

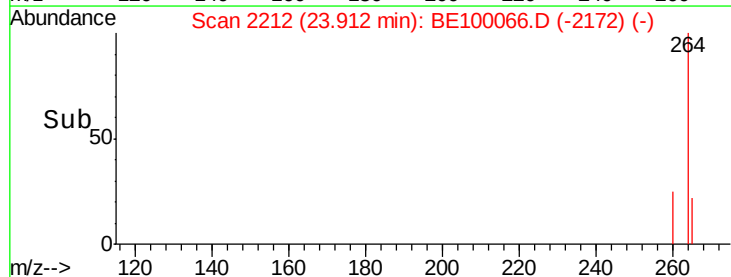
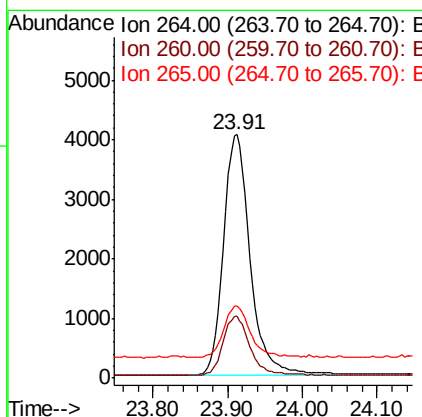
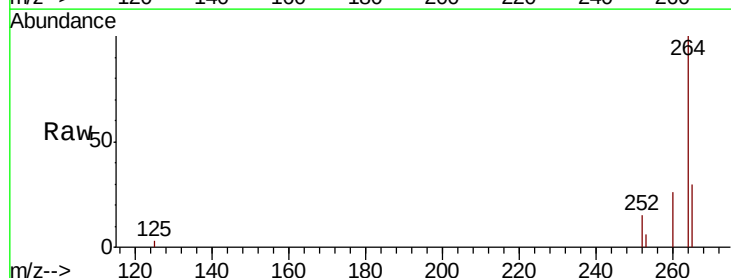
Instrument :
 BNA_G
 ClientSampleId :

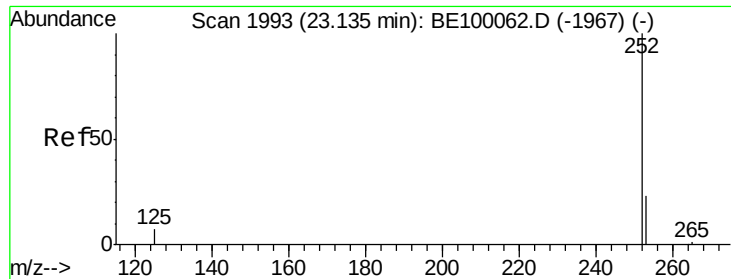
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.7	16.1
277	24.7	19.0	28.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BE100066.D
 Acq: 17 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	31.0
265	29.8	23.6	35.4





#35

Benzo(b)fluoranthene

Concen: 5.498 ng

RT: 23.13 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :

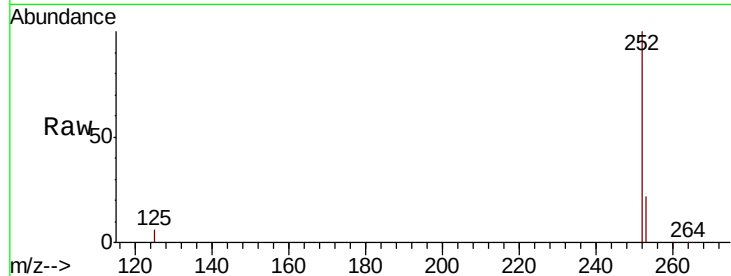
Tot Ion:252 Resp: 153135

Ion Ratio Lower Upper

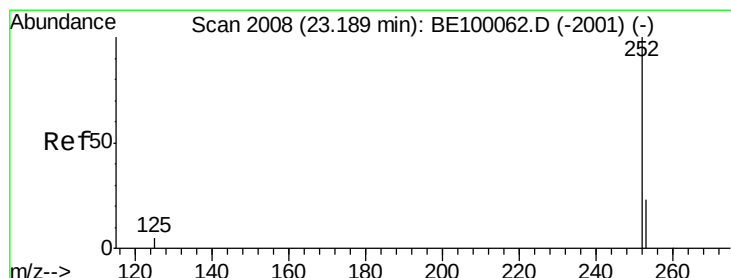
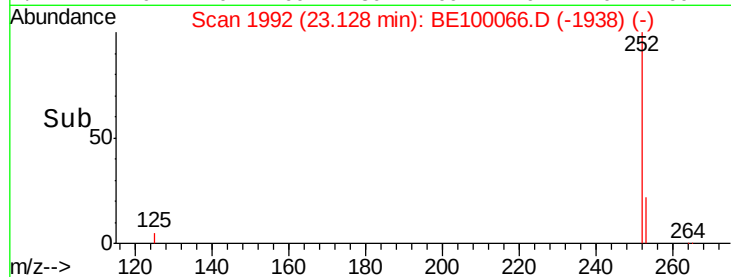
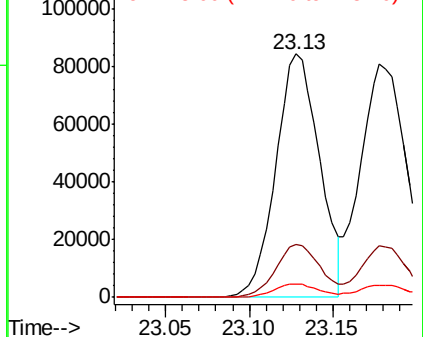
252 100

253 21.9 19.6 29.4

125 5.6 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: 5.430 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

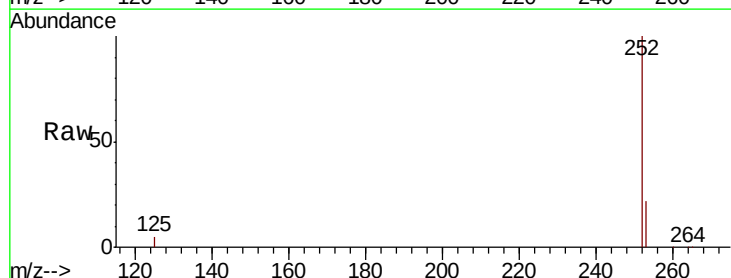
Tgt Ion:252 Resp: 158183

Ion Ratio Lower Upper

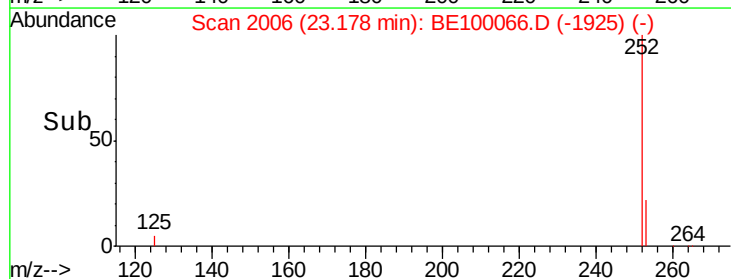
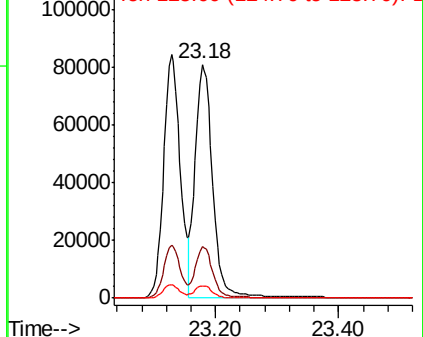
252 100

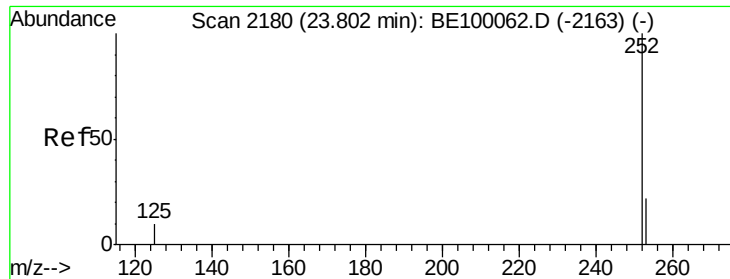
253 21.9 19.3 28.9

125 5.3 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

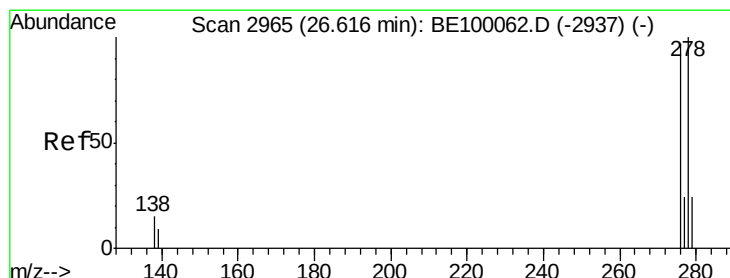
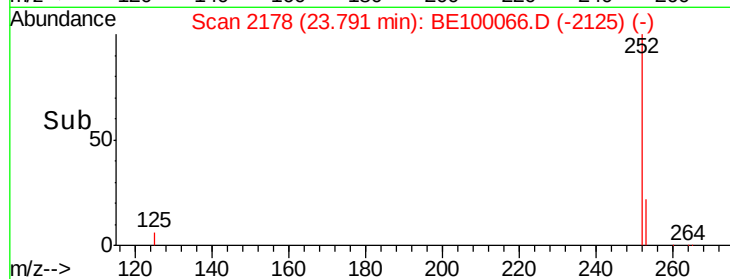
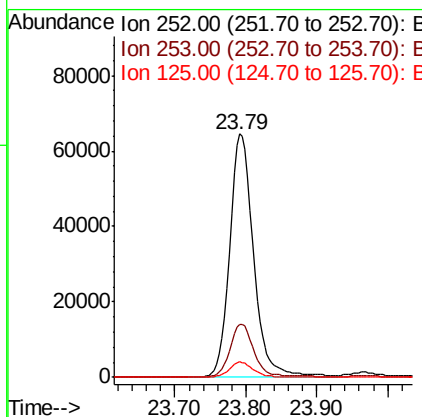
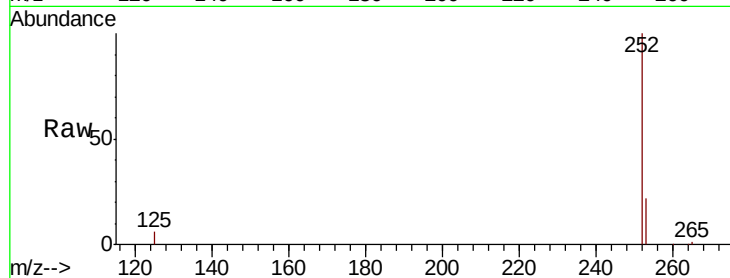




#37
Benzo(a)pyrene
Concen: 5.437 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

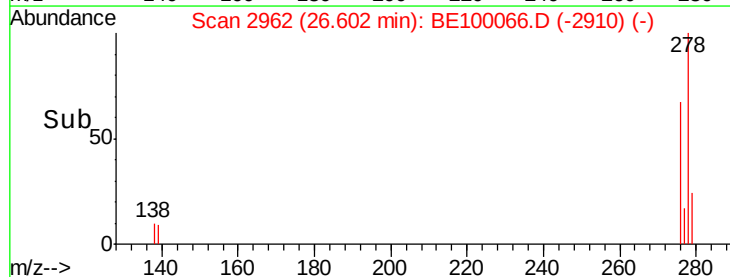
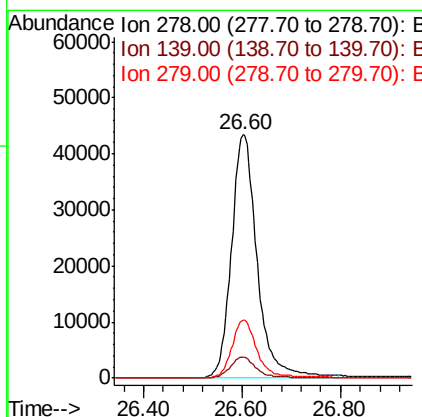
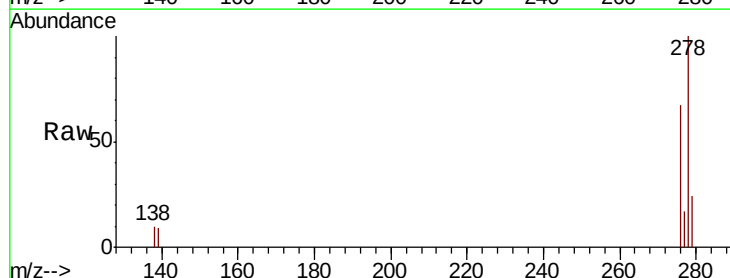
Instrument :
BNA_G
ClientSampleId :

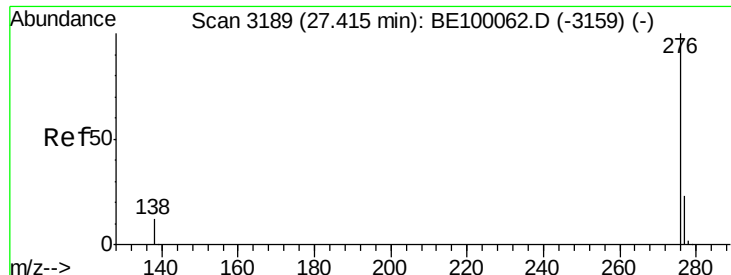
Tot Ion:252 Resp: 149161
Ion Ratio Lower Upper
252 100
253 21.7 20.0 30.0
125 6.3 9.6 14.4#



#38
Dibenzo(a,h)anthracene
Concen: 5.684 ng
RT: 26.60 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BE100066.D
Acq: 17 Jun 2019 14:56

Tgt Ion:278 Resp: 157074
Ion Ratio Lower Upper
278 100
139 8.6 9.2 13.8#
279 23.8 21.4 32.0





#39

Benzo(a,h,i)perylene

Concen: 5.475 ng

RT: 27.40 min Scan# 3186

Delta R.T. -0.01 min

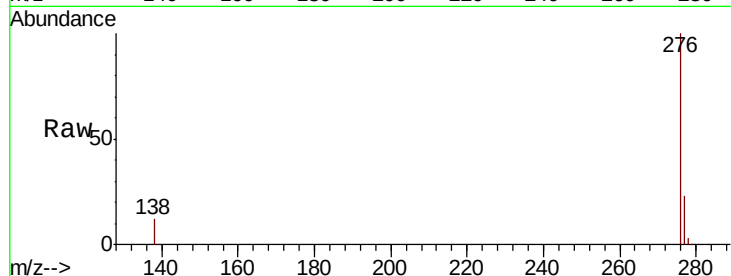
Lab File: BE100066.D

Acq: 17 Jun 2019 14:56

Instrument :

BNA_G

ClientSampleId :



Tot Ion:276 Resp: 156310

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 11.7 11.0 16.6

