

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100202.D
 Acq On : 27 Jun 2019 13:15
 Operator : JU/SJ
 Sample : K3428-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 18:52:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	767	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	2479	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	1843	0.40	ng	-0.02
19) Phenanthrene-d10	17.07	188	5688	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	8129	0.40	ng	-0.04
34) Perylene-d12	23.67	264	9322	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	733	0.43	ng	-0.01
5) Phenol-d6	6.83	99	1035	0.44	ng	-0.05
8) Nitrobenzene-d5	8.82	82	1076	0.44	ng	-0.03
11) 2-Methylnaphthalene-d10	12.05	152	1979	0.43	ng	-0.03
14) 2,4,6-Tribromophenol	15.82	330	420	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.94	172	3069	0.42	ng	-0.03
25) Fluoranthene-d10	19.10	212	30338	0.37	ng	-0.03
29) Terphenyl-d14	19.70	244	6918	0.43	ng	-0.04

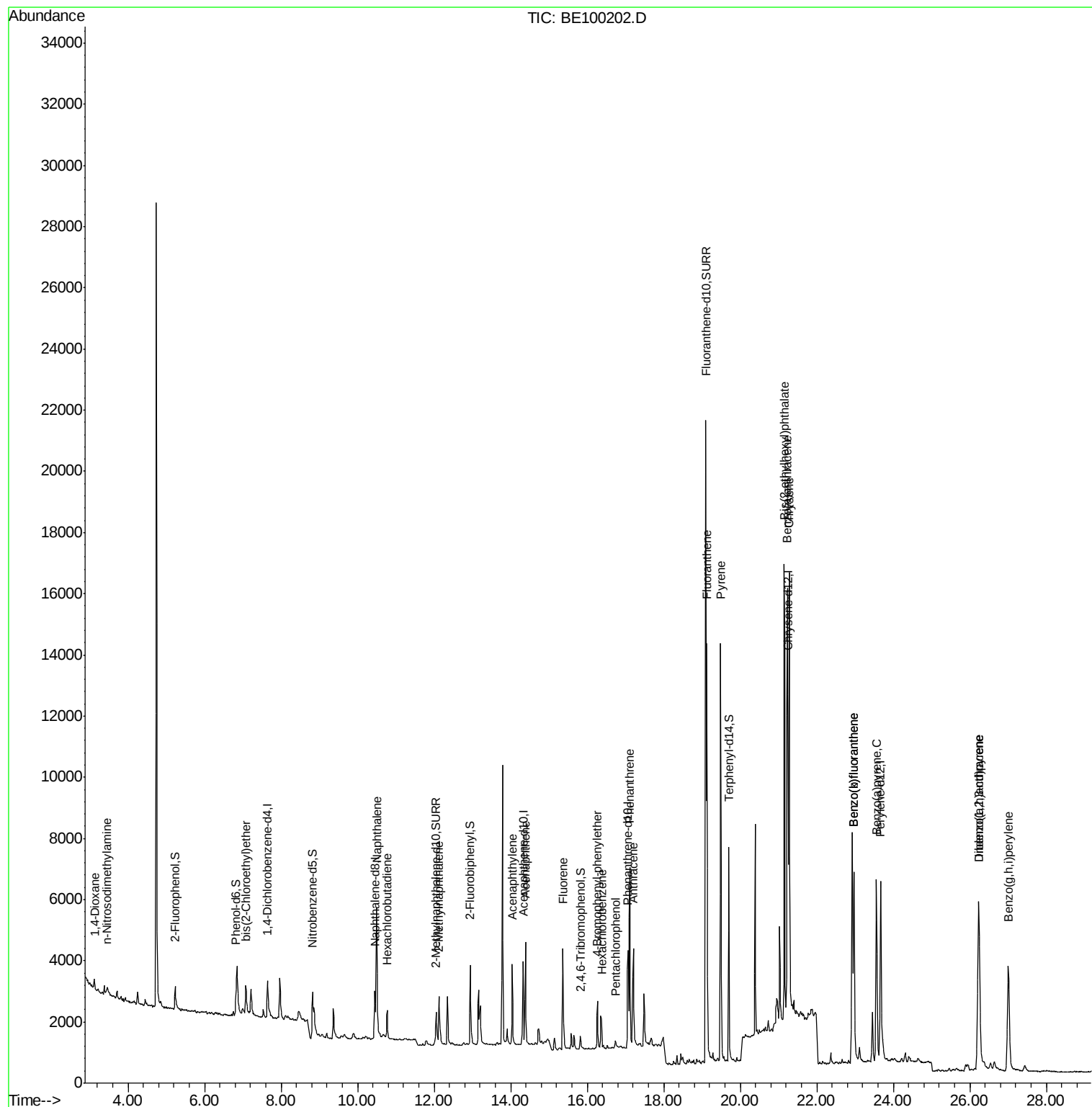
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	274	0.228	ng	# 50
3) n-Nitrosodimethylamine	3.45	42	221	0.498	ng	# 29
6) bis(2-Chloroethyl)ether	7.08	93	583	0.271	ng	# 87
9) Naphthalene	10.50	128	9342	0.345	ng	98
10) Hexachlorobutadiene	10.77	225	717	0.257	ng	98
12) 2-Methylnaphthalene	12.12	142	1450	0.333	ng	96
16) Acenaphthylene	14.04	152	3192	0.355	ng	99
17) Acenaphthene	14.38	154	1582	0.314	ng	99
18) Fluorene	15.37	166	2415	0.332	ng	98
20) 4-Bromophenyl-phenylether	16.26	248	1075	0.305	ng	# 93
21) Hexachlorobenzene	16.37	284	1053	0.272	ng	98
22) Pentachlorophenol	16.73	266	219	0.439	ng	89
23) Phenanthrene	17.11	178	7224	0.536	ng	99
24) Anthracene	17.20	178	4190	0.368	ng	97
26) Fluoranthene	19.13	202	12414	0.566	ng	99
28) Pyrene	19.49	202	13571	0.652	ng	98
30) Benzo(a)anthracene	21.23	228	12053	0.503	ng	98
31) Chrysene	21.28	228	12233	0.435	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	19163	0.696	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	10430	0.261	ng	# 96
35) Benzo(b)fluoranthene	22.97	252	9753	0.389	ng	98
36) Benzo(k)fluoranthene	22.97	252	10215	0.340	ng	# 96
37) Benzo(a)pyrene	23.56	252	10013	0.385	ng	# 98
38) Dibenzo(a,h)anthracene	26.24	278	6762	0.243	ng	99
39) Benzo(g,h,i)perylene	27.01	276	9282	0.320	ng	99

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

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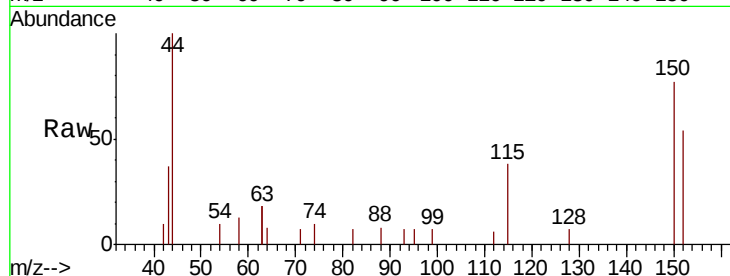


#1

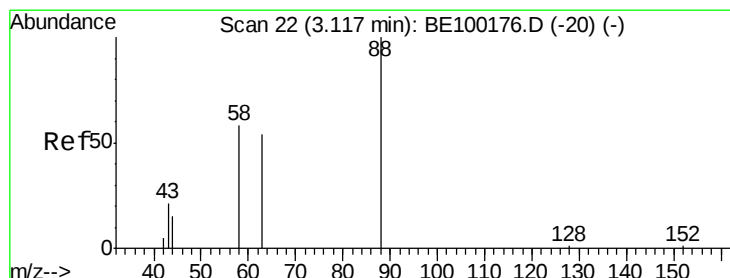
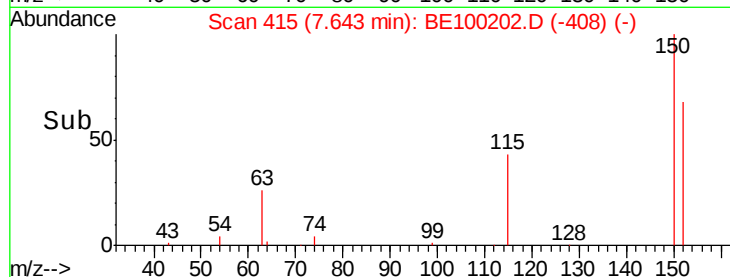
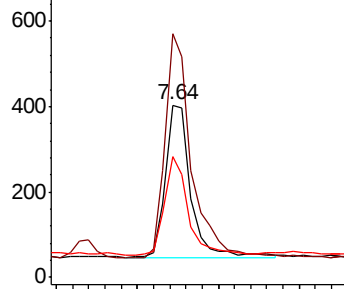
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.02 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 767
Ion Ratio Lower Upper
152 100
150 141.1 113.4 170.2
115 69.8 55.8 83.6



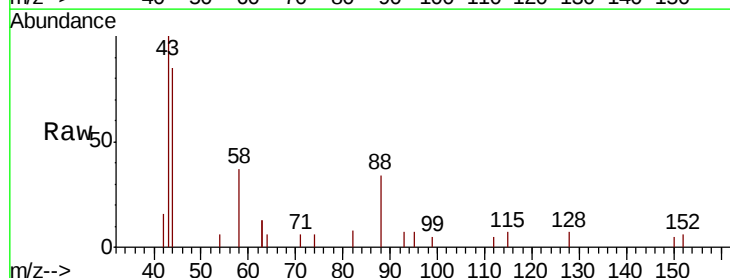
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



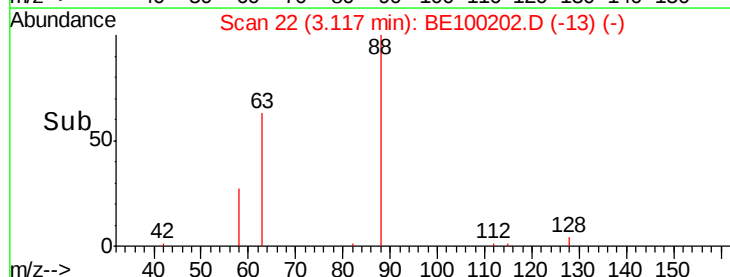
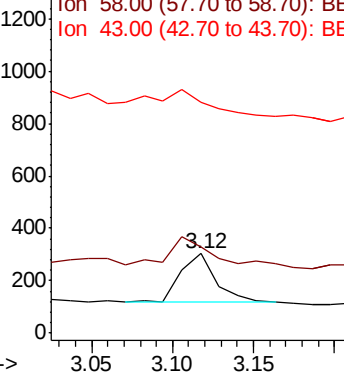
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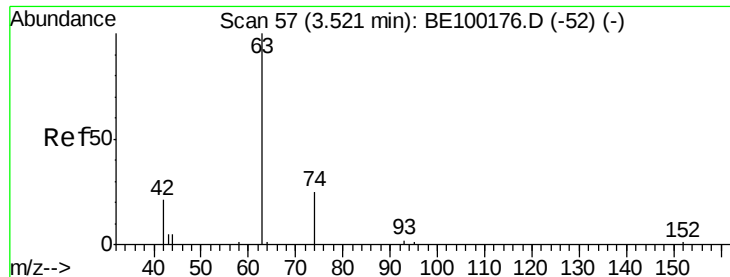
1,4-Dioxane
Concen: 0.228 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion: 88 Resp: 274
Ion Ratio Lower Upper
88 100
58 65.7 43.8 65.6#
43 88.7 19.4 29.2#



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



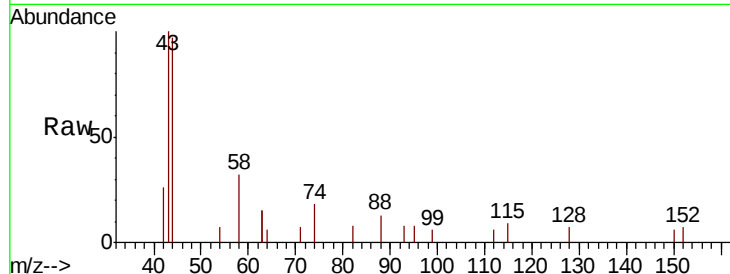


#3

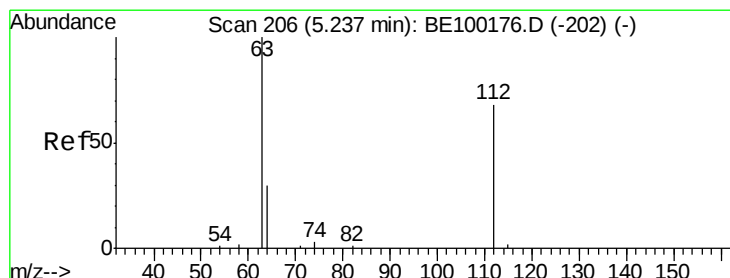
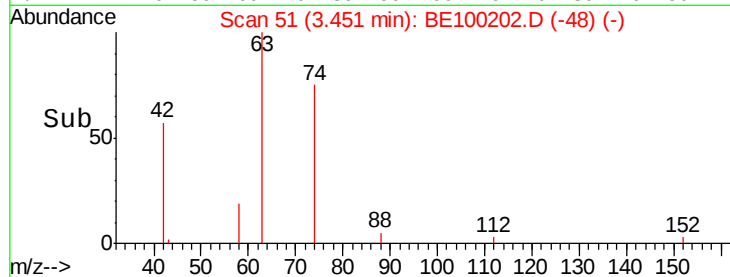
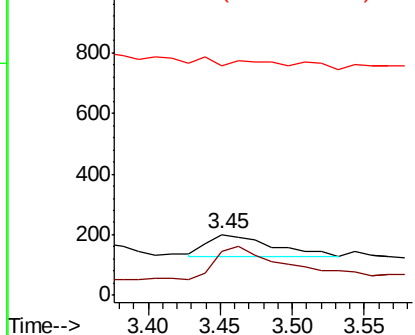
n-Nitrosodimethylamine
 Concen: 0.498 ng
 RT: 3.45 min Scan# 51
 Delta R.T. -0.07 min
 Lab File: BE100202.D
 Acq: 27 Jun 2019 13:15

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 221
 Ion Ratio Lower Upper
 42 100
 74 166.5 193.2 289.8#
 44 0.0 114.5 171.7#



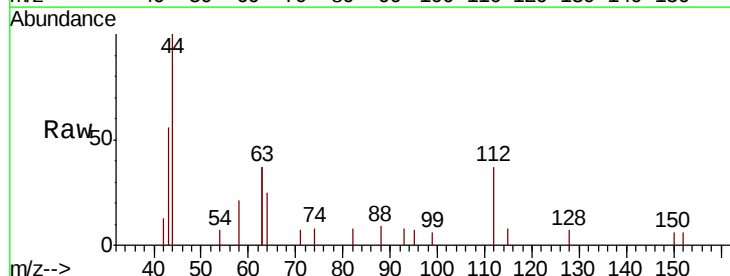
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



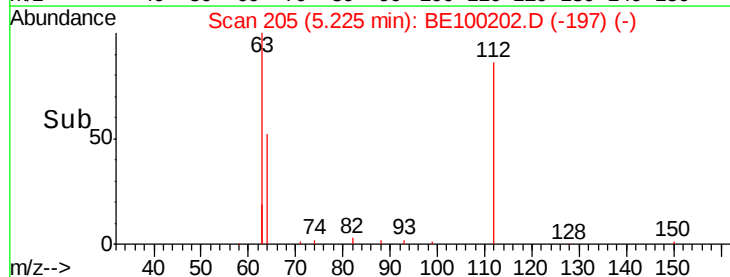
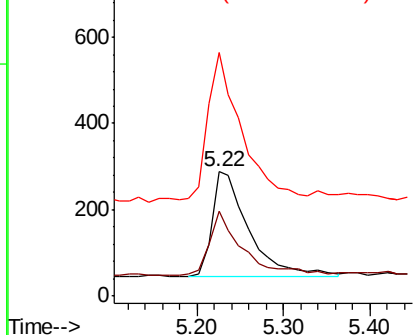
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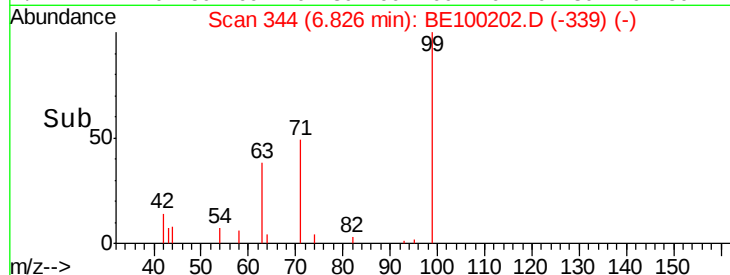
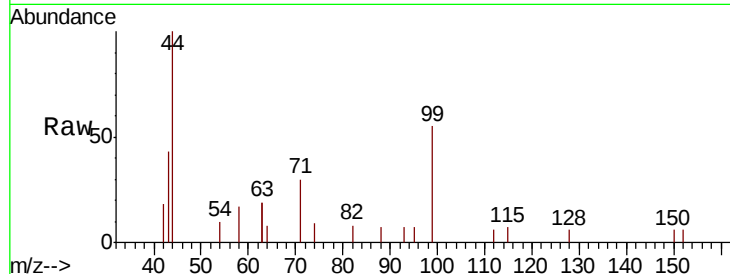
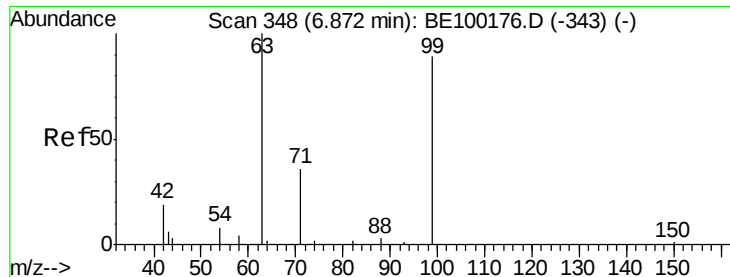
2-Fluorophenol
 Concen: 0.430 ng
 RT: 5.22 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: BE100202.D
 Acq: 27 Jun 2019 13:15

Tgt Ion: 112 Resp: 733
 Ion Ratio Lower Upper
 112 100
 64 54.3 40.7 61.1
 63 136.6 93.2 139.8



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: 0.441 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.05 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

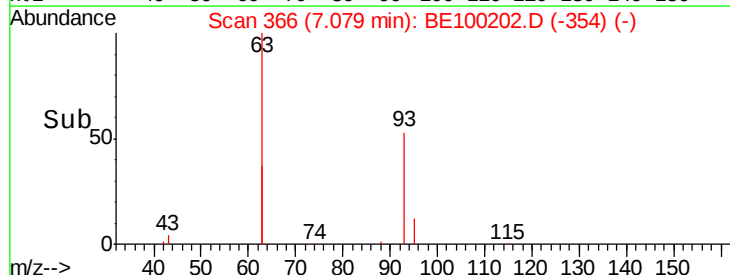
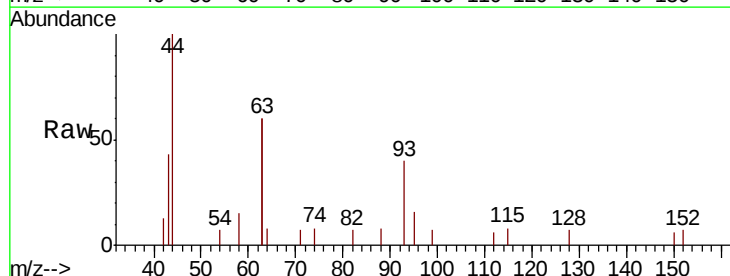
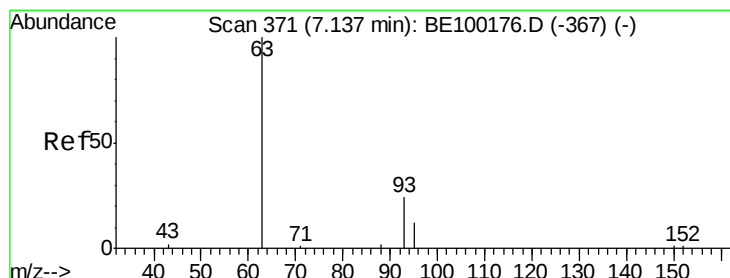
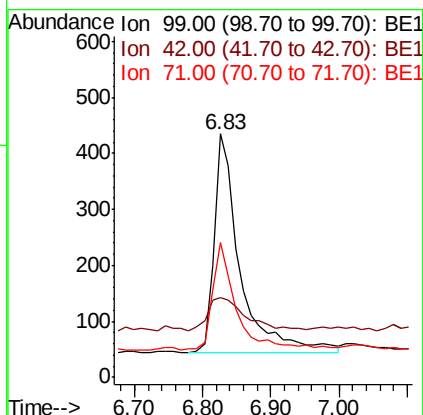
Tot Ion: 99 Resp: 1035

Ion Ratio Lower Upper

99 100

42 23.9 10.4 15.6#

71 42.8 32.4 48.6



#6

bis(2-Chloroethyl)ether

Concen: 0.271 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.06 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

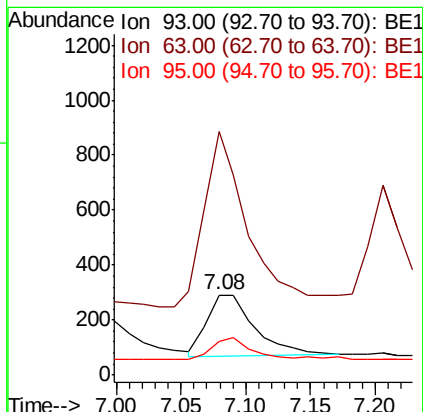
Tgt Ion: 93 Resp: 583

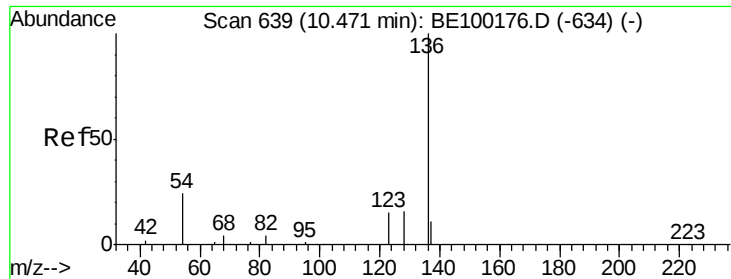
Ion Ratio Lower Upper

93 100

63 256.8 0.0 0.0#

95 33.1 21.0 31.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2479

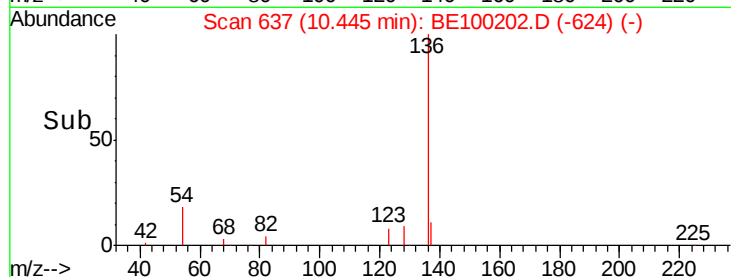
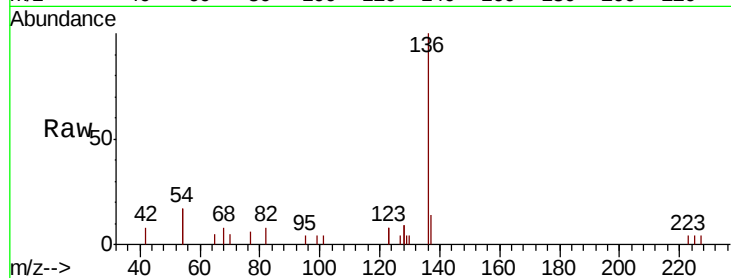
Ion Ratio Lower Upper

136 100

137 14.3 13.8 20.8

54 33.6 35.4 53.2#

68 7.6 8.8 13.2#

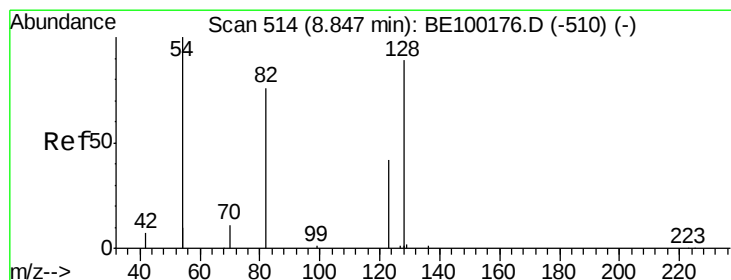
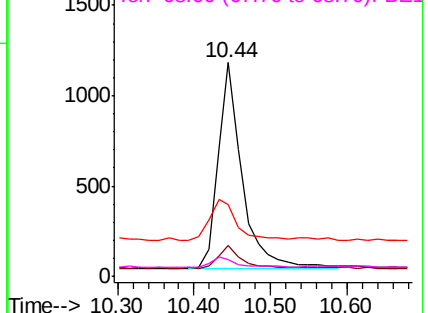


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.436 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

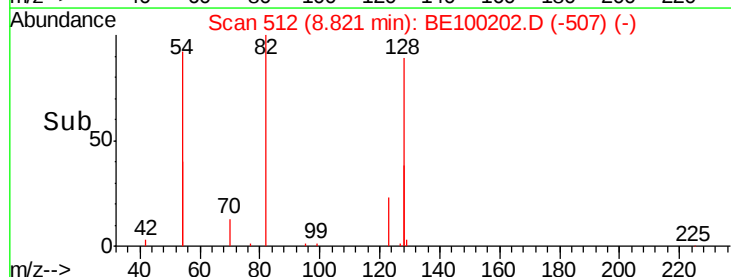
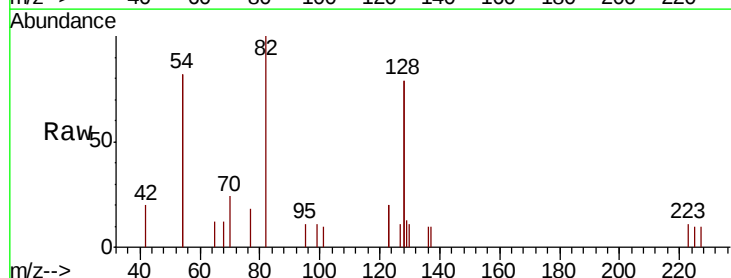
Tgt Ion: 82 Resp: 1076

Ion Ratio Lower Upper

82 100

128 157.5 144.6 217.0

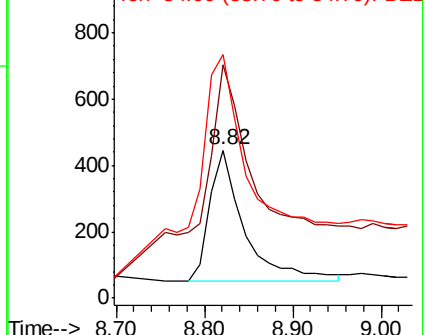
54 164.2 163.0 244.6

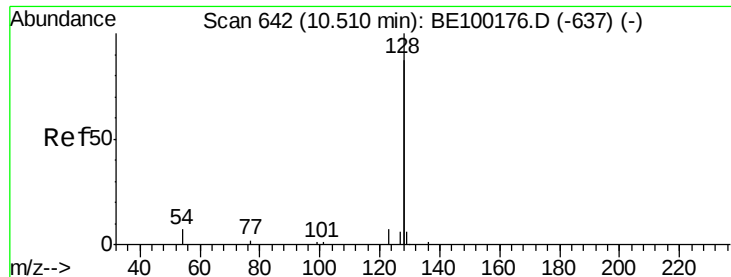


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.345 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

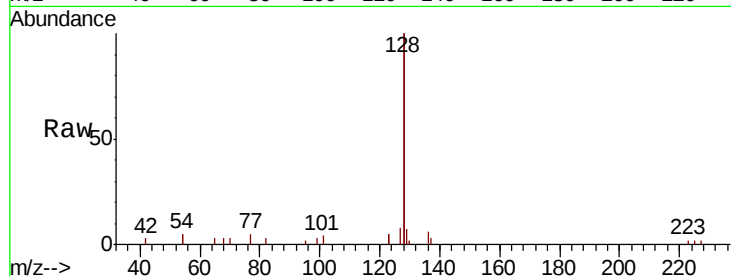
Tot Ion:128 Resp: 9342

Ion Ratio Lower Upper

128 100

129 3.7 3.6 5.4

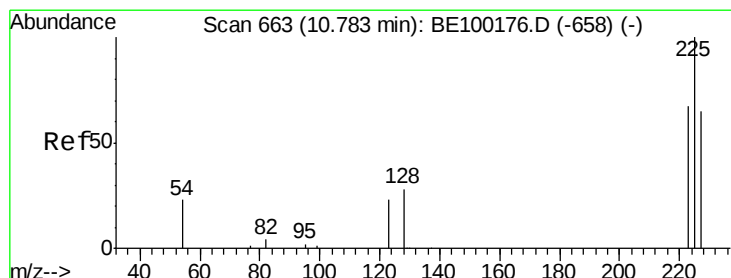
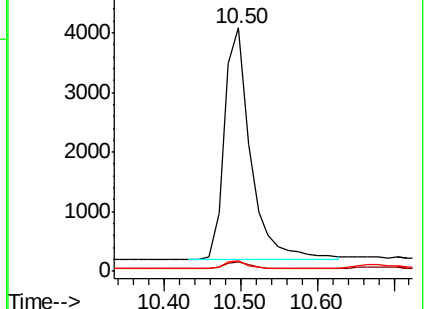
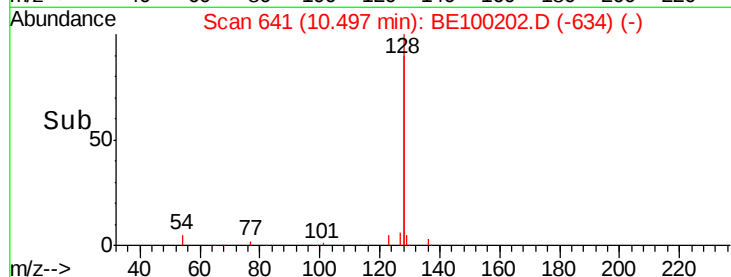
127 4.1 3.8 5.8



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: 0.257 ng

RT: 10.77 min Scan# 662

Delta R.T. -0.01 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

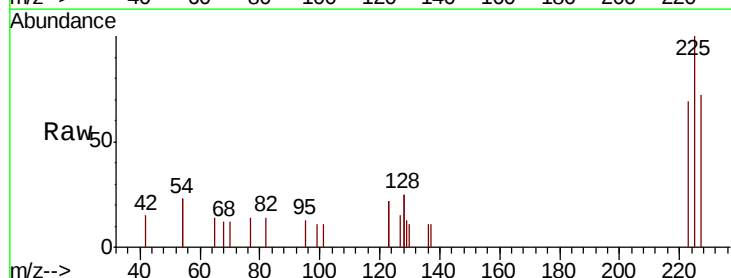
Tgt Ion:225 Resp: 717

Ion Ratio Lower Upper

225 100

223 64.4 50.1 75.1

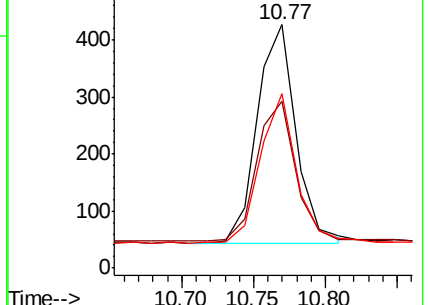
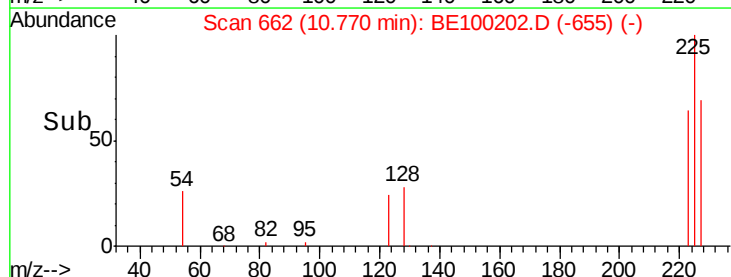
227 64.3 50.9 76.3

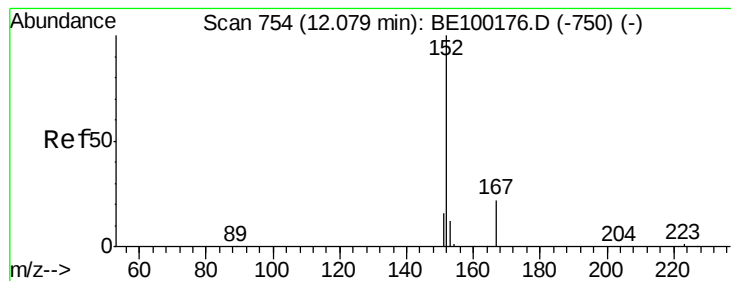


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

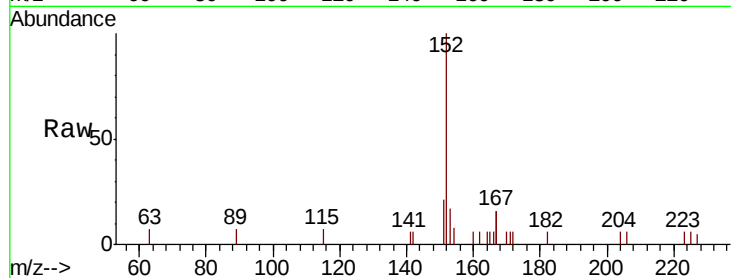
ClientSampleId :

Tot Ion:152 Resp: 1979

Ion Ratio Lower Upper

152 100

151 16.9 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.05

800

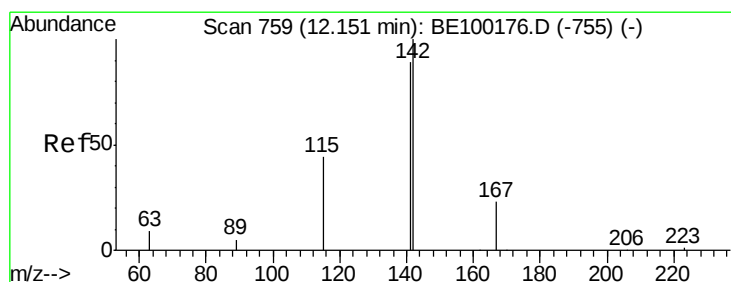
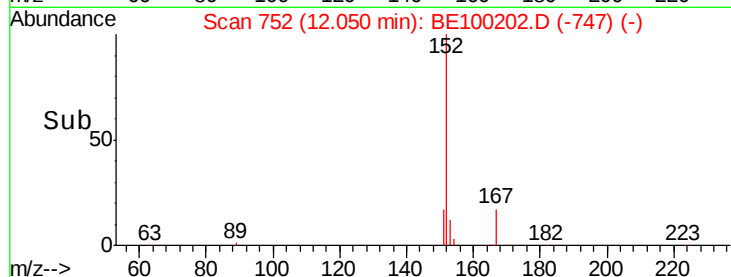
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.333 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

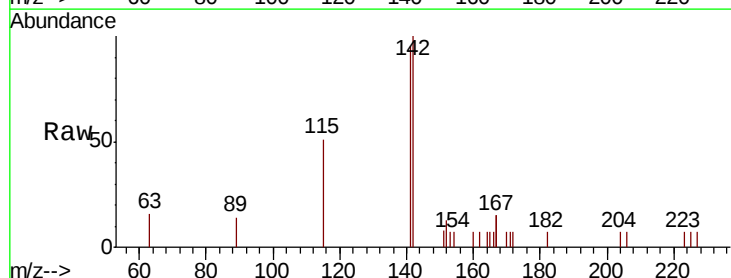
Tgt Ion:142 Resp: 1450

Ion Ratio Lower Upper

142 100

141 95.1 71.8 107.8

115 51.2 40.4 60.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.12

800

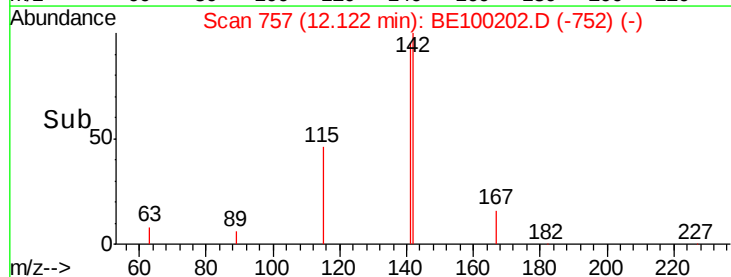
600

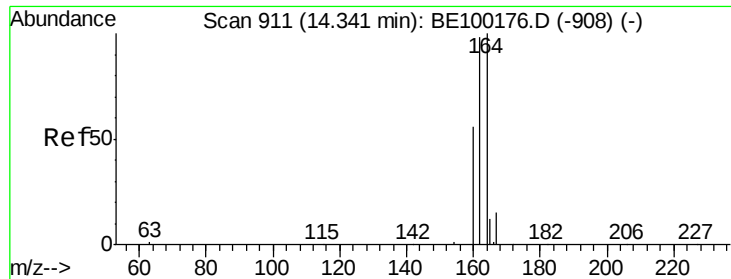
400

200

0

Time-->

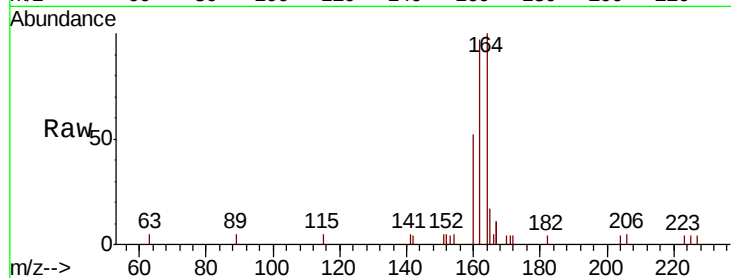




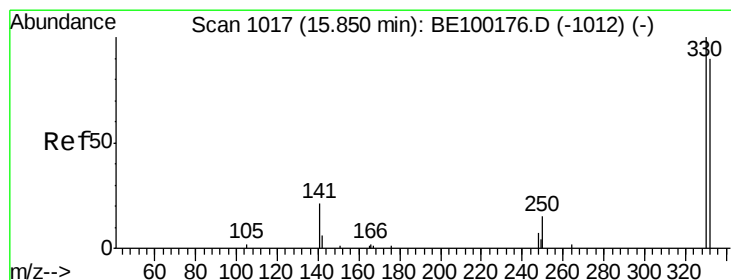
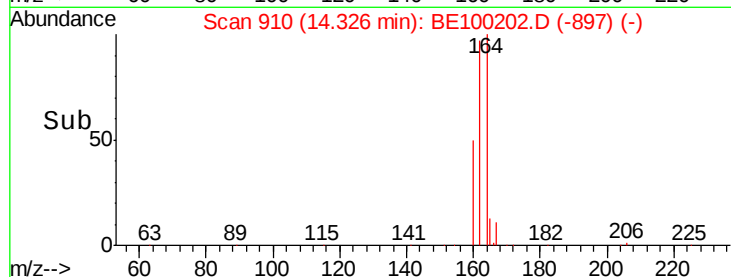
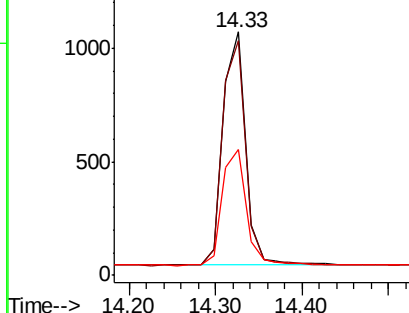
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BE100202.D
 Acq: 27 Jun 2019 13:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1843
 Ion Ratio Lower Upper
 164 100
 162 96.6 78.6 118.0
 160 51.7 46.9 70.3

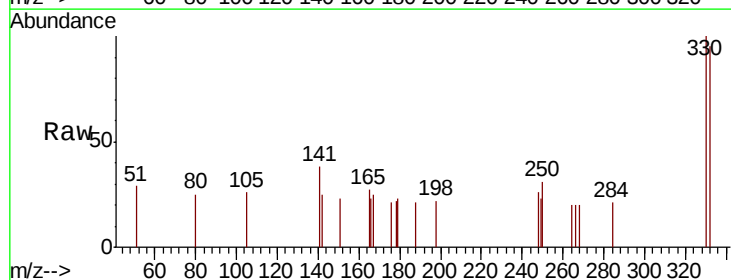


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

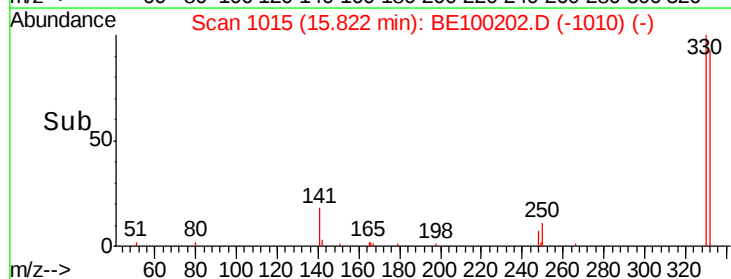
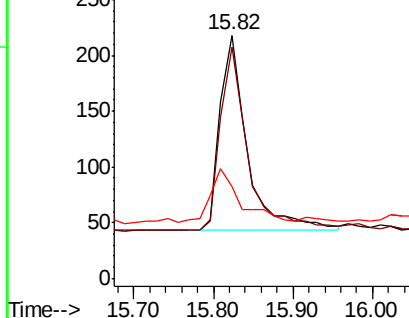


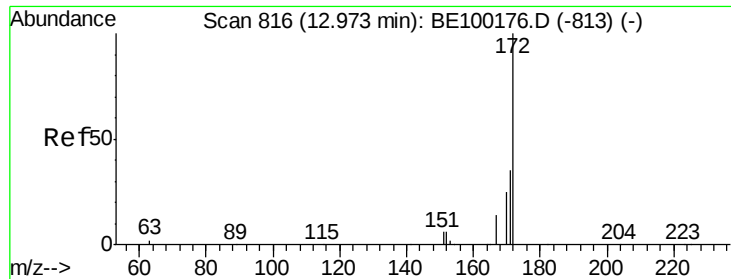
#14
 2,4,6-Tribromophenol
 Concen: 0.394 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.03 min
 Lab File: BE100202.D
 Acq: 27 Jun 2019 13:15

Tgt Ion:330 Resp: 420
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.7 116.5
 141 30.7 18.9 28.3#



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

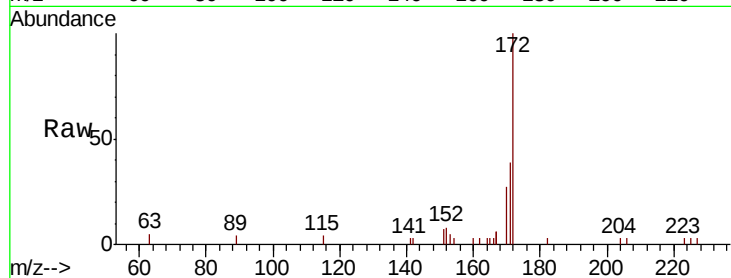




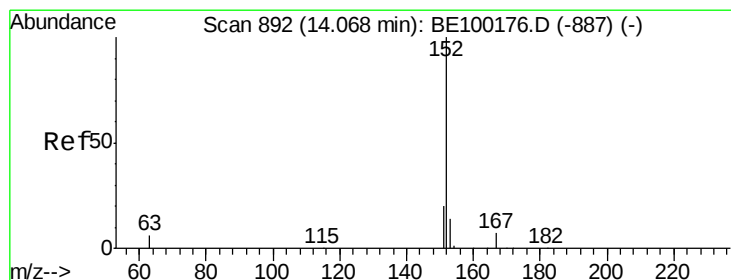
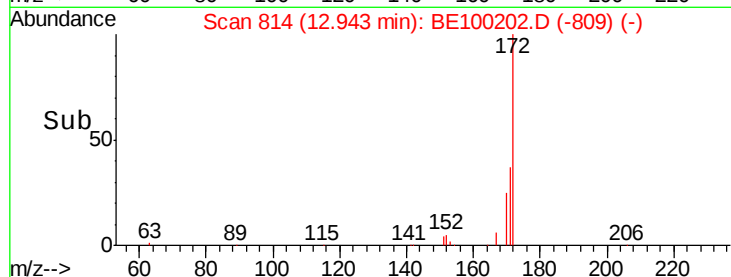
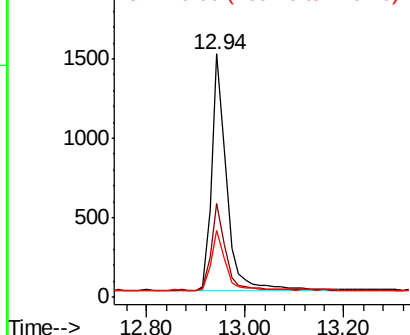
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3069
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 27.3 23.9 35.9

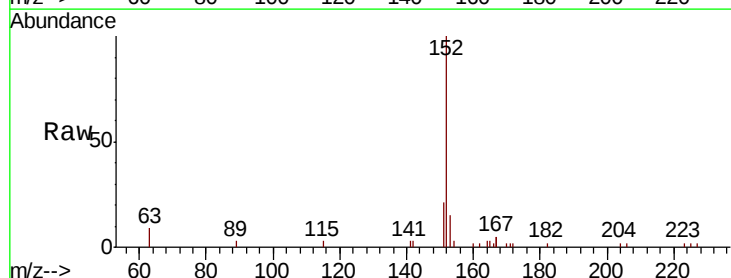


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

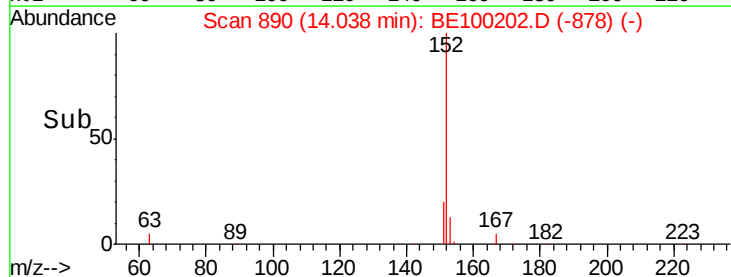
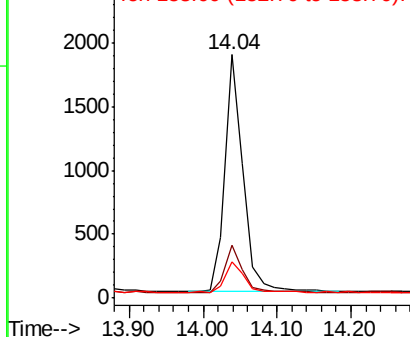


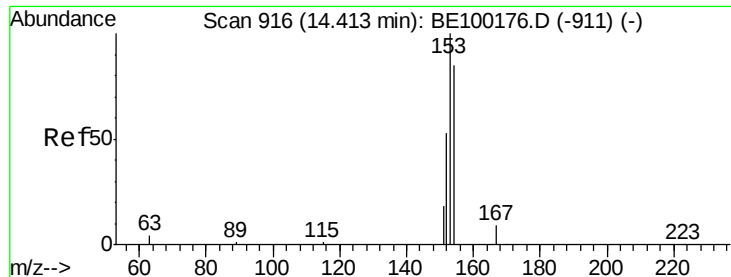
#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:152 Resp: 3192
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 13.7 10.8 16.2



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

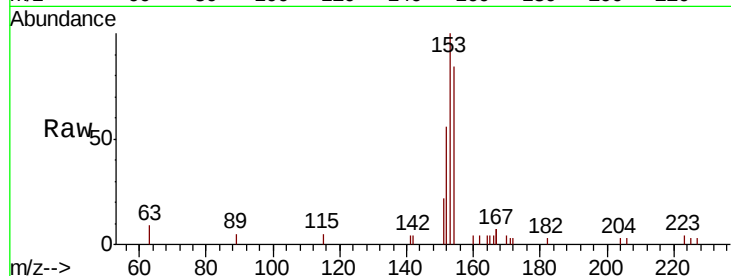




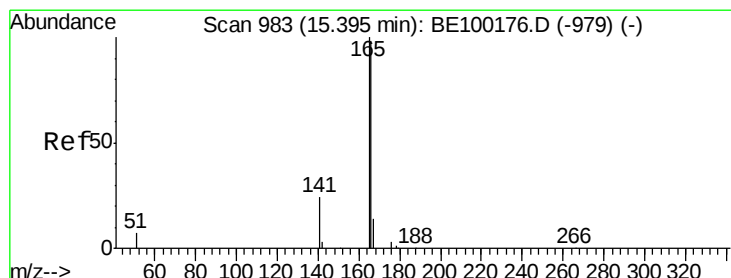
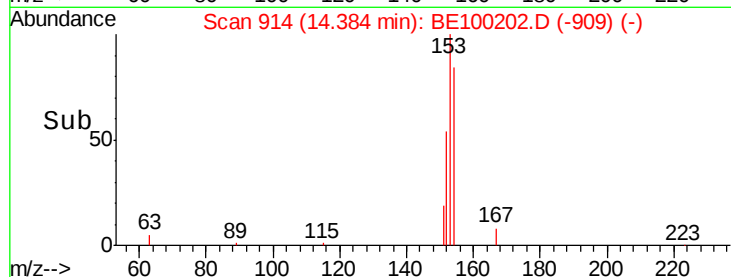
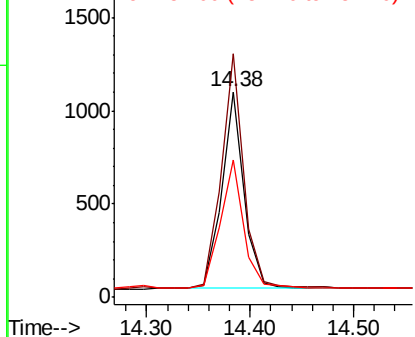
#17
Acenaphthene
Concen: 0.314 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1582
Ion Ratio Lower Upper
154 100
153 119.8 95.3 142.9
152 68.5 52.9 79.3

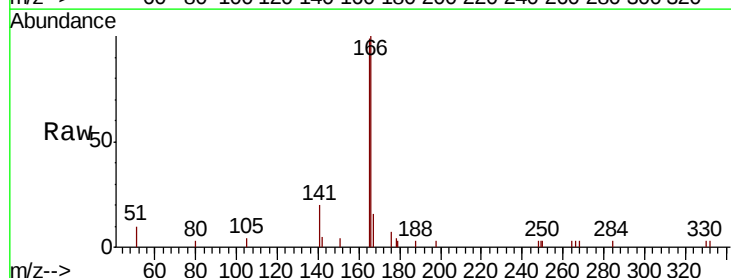


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

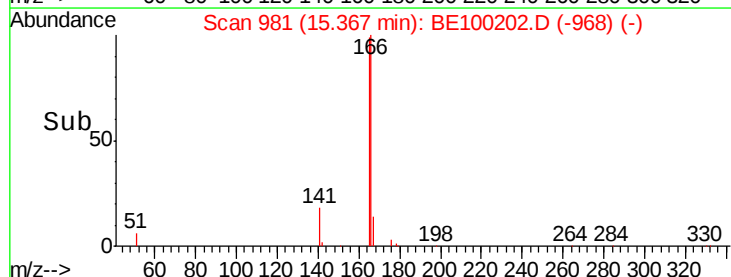
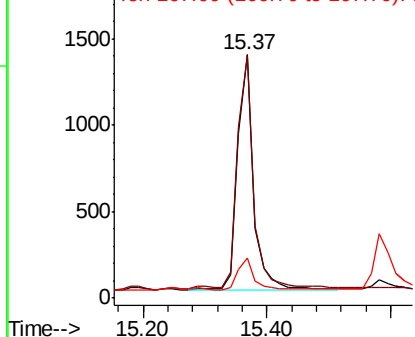


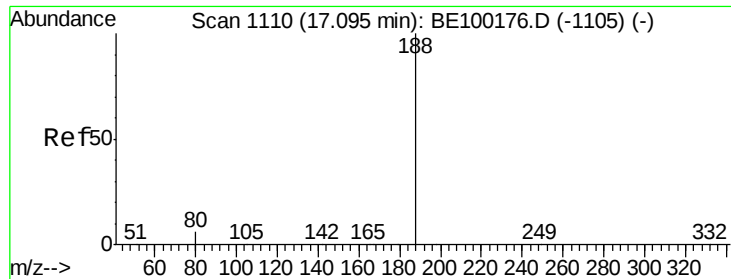
#18
Fluorene
Concen: 0.332 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:166 Resp: 2415
Ion Ratio Lower Upper
166 100
165 103.3 81.0 121.4
167 14.0 11.4 17.0



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

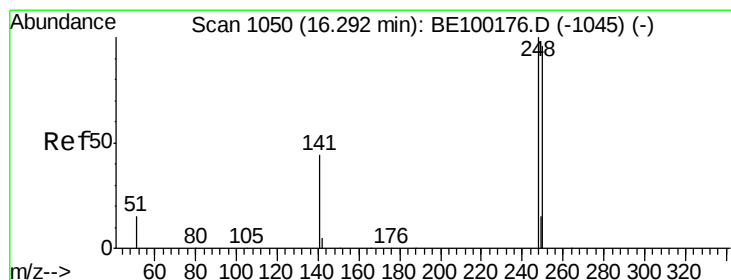
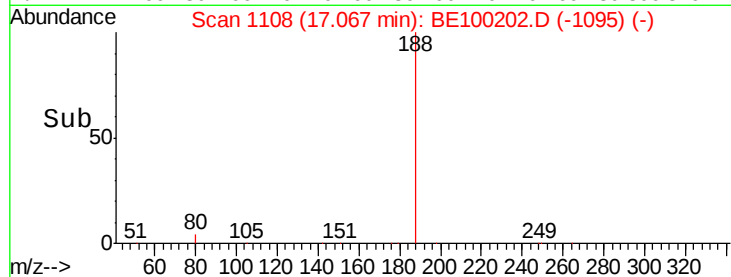
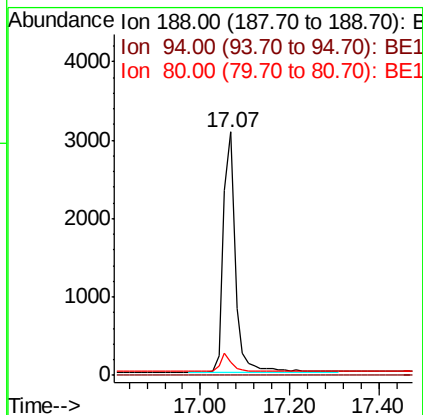
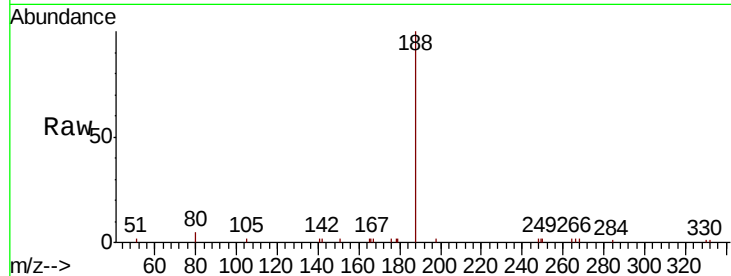




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

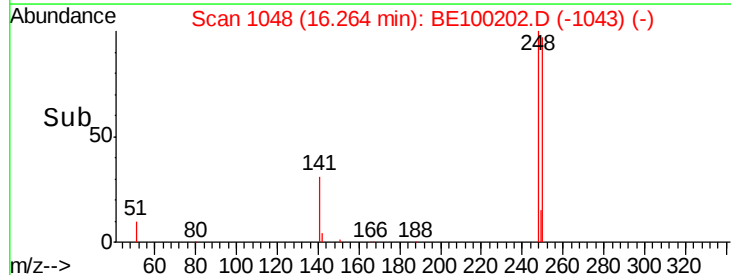
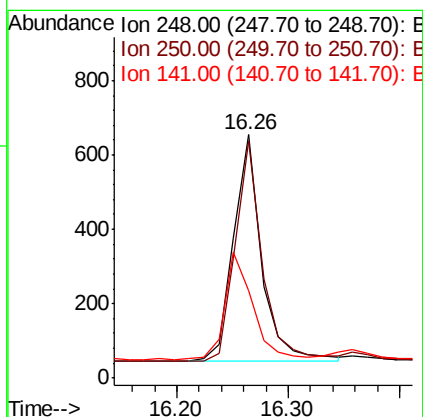
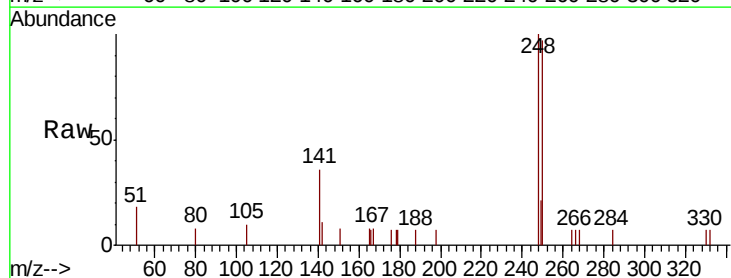
Instrument :
BNA_E
ClientSampleId :

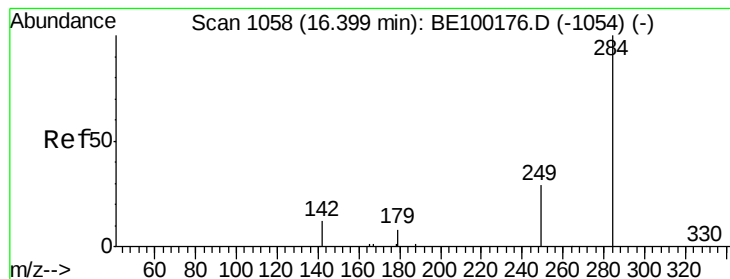
Tot Ion:188 Resp: 5688
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.4 6.4 9.6#



#20
4-Bromophenyl-phenylether
Concen: 0.305 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:248 Resp: 1075
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 35.9 39.5 59.3#





#21

Hexachlorobenzene

Concen: 0.272 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

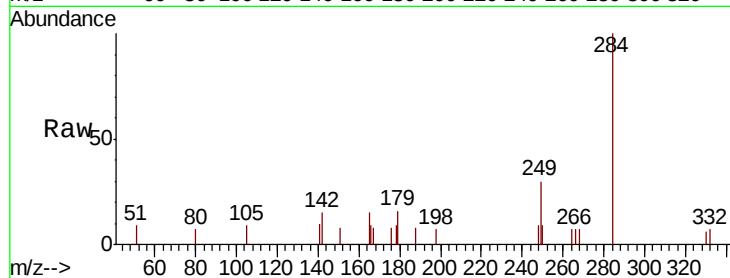
Tot Ion:284 Resp: 1053

Ion Ratio Lower Upper

284 100

142 24.8 20.1 30.1

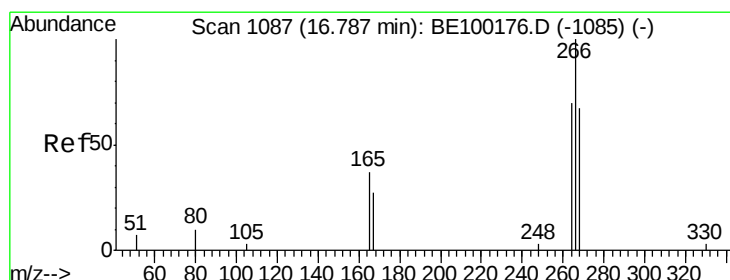
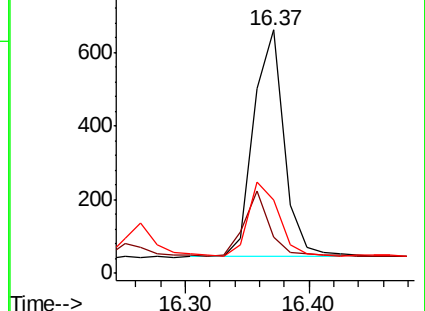
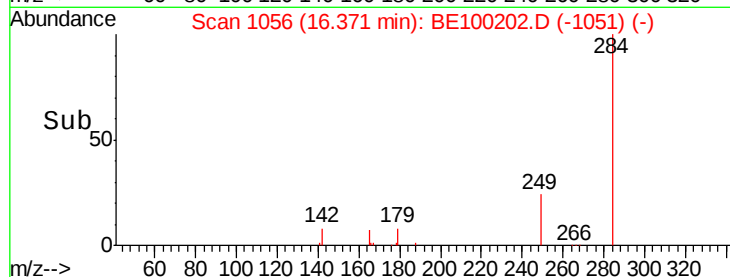
249 31.2 26.2 39.4



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: 0.439 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

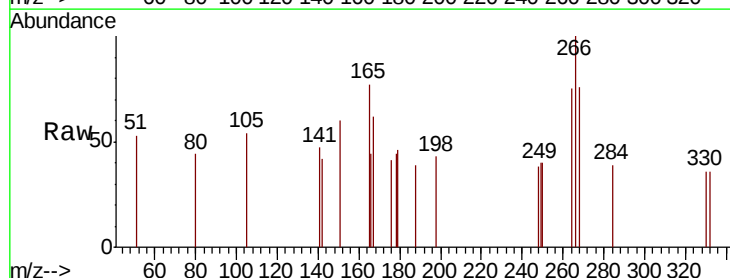
Tgt Ion:266 Resp: 219

Ion Ratio Lower Upper

266 100

264 74.6 67.7 101.5

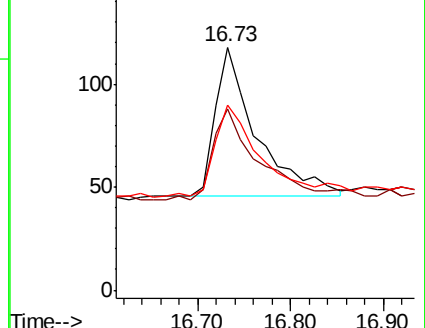
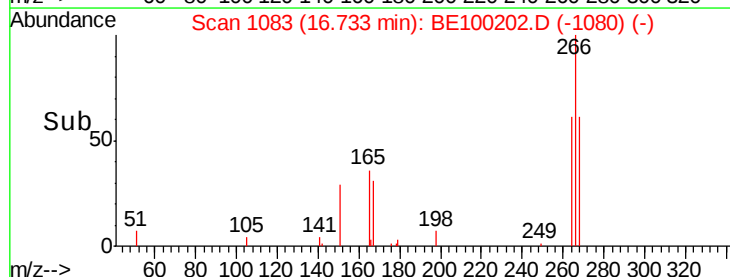
268 76.3 69.8 104.6

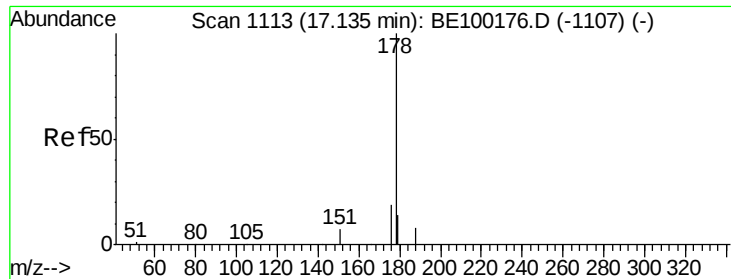


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.536 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

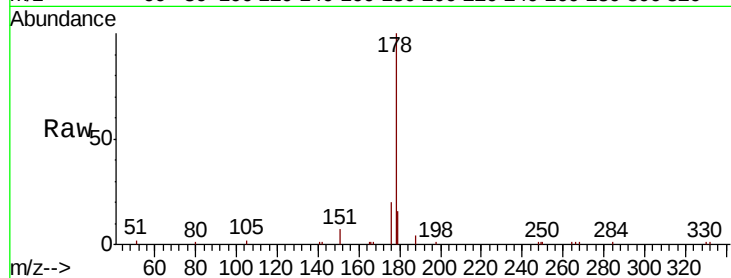
Tot Ion:178 Resp: 7224

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

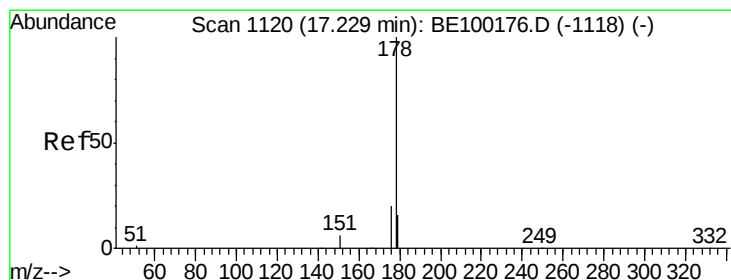
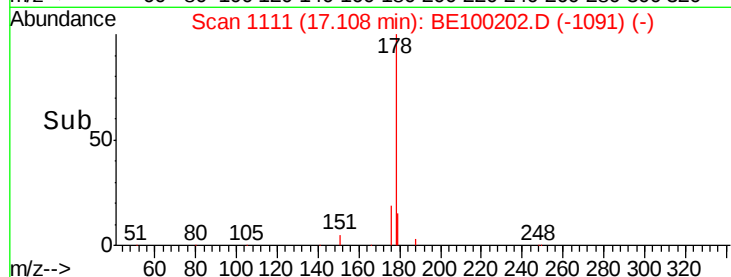
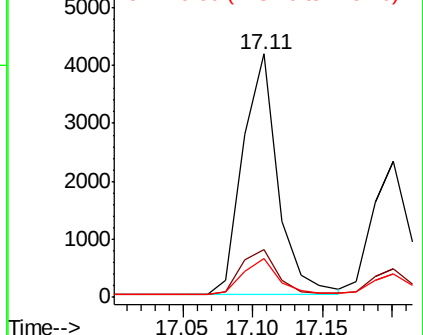
179 14.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.368 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

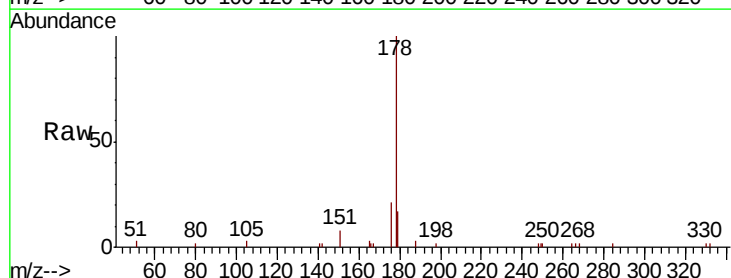
Tgt Ion:178 Resp: 4190

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

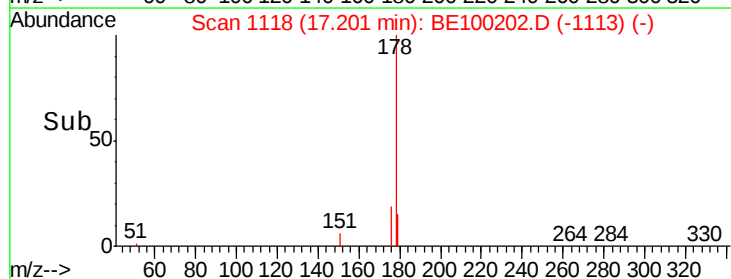
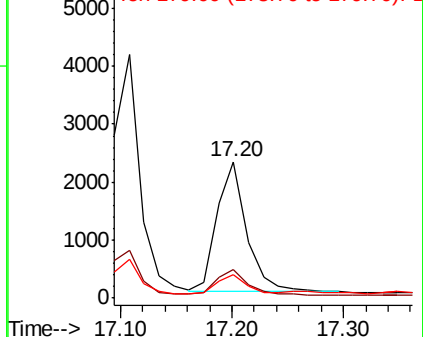
179 13.6 12.9 19.3

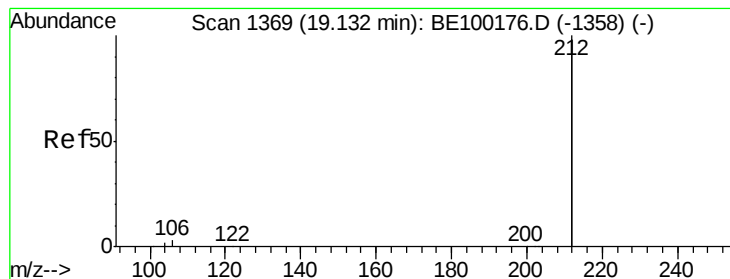


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

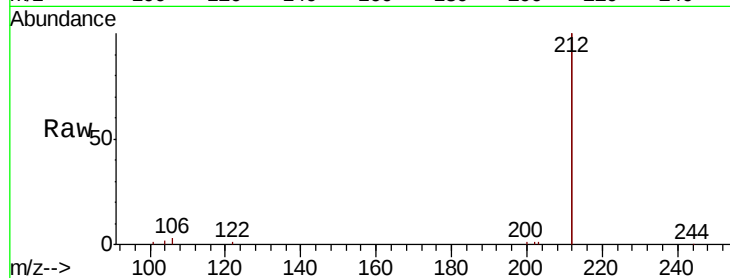
Tot Ion:212 Resp: 30338

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

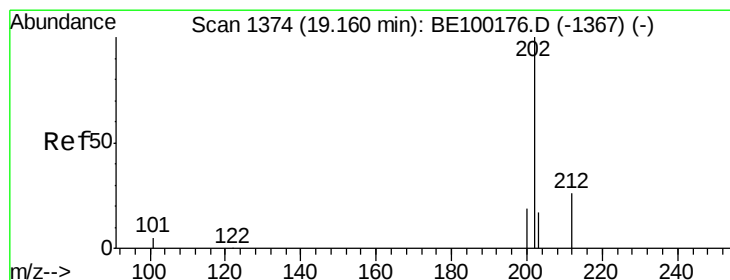
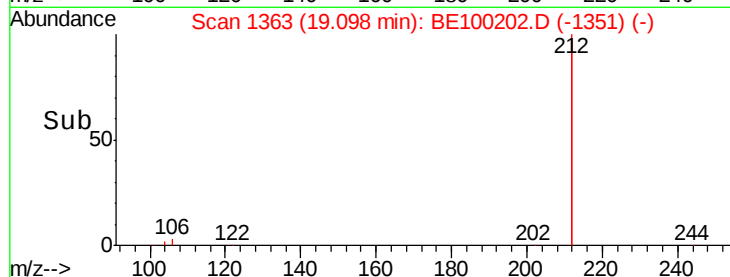
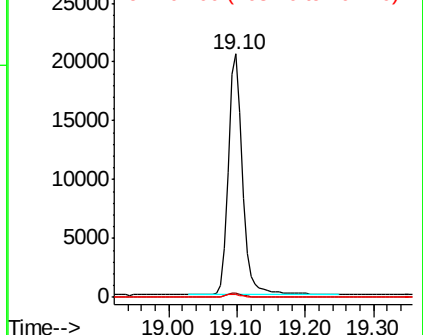
104 1.0 0.7 1.1



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: 0.566 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

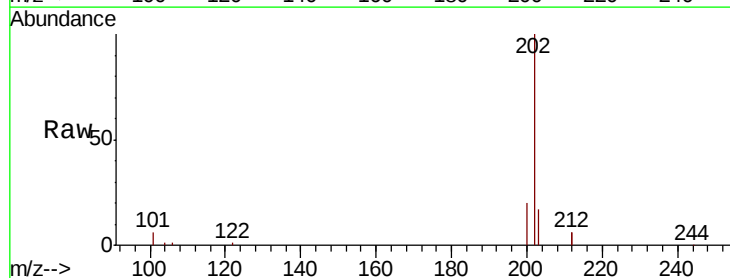
Tgt Ion:202 Resp: 12414

Ion Ratio Lower Upper

202 100

101 6.1 4.5 6.7

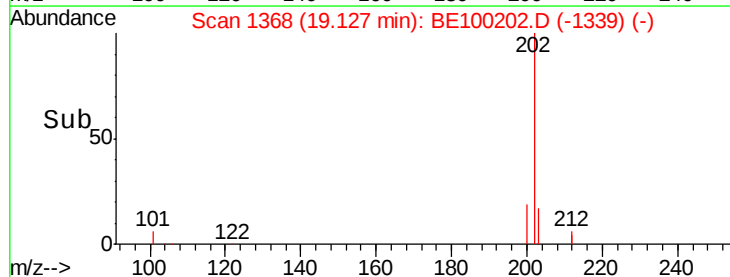
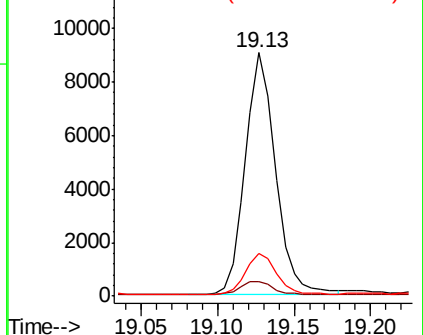
203 17.0 13.7 20.5

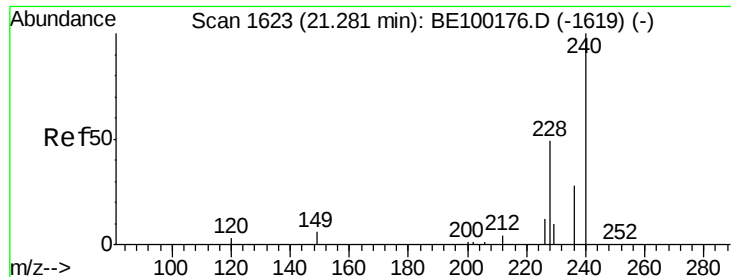


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

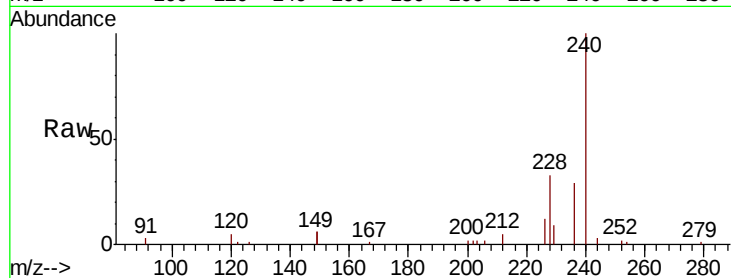




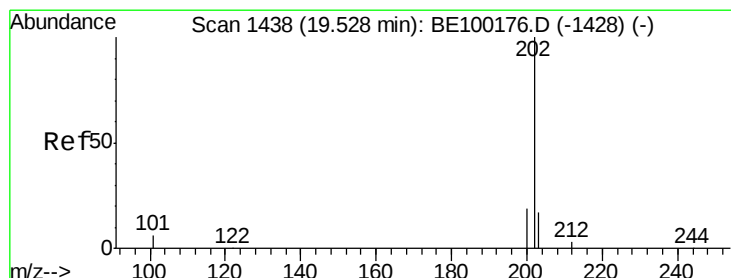
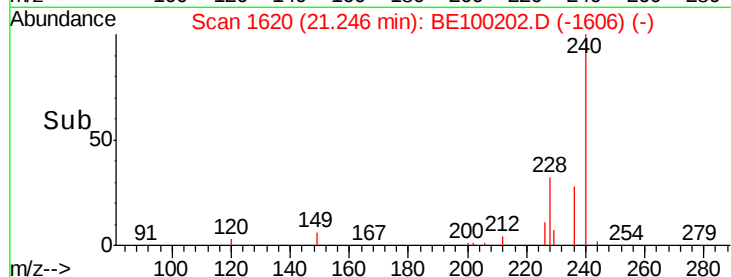
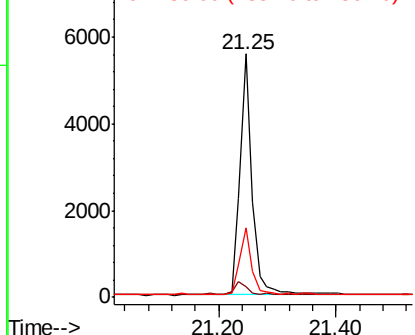
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 8129
Ion Ratio Lower Upper
240 100
120 4.6 4.1 6.1
236 28.6 23.0 34.6

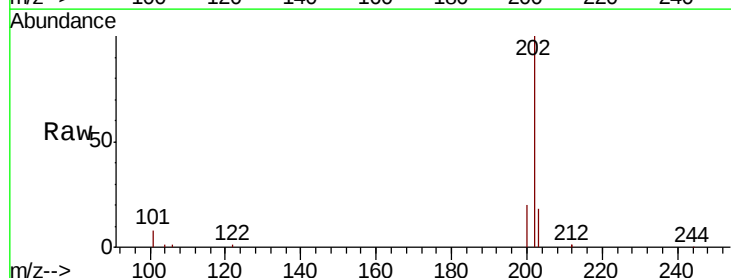


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

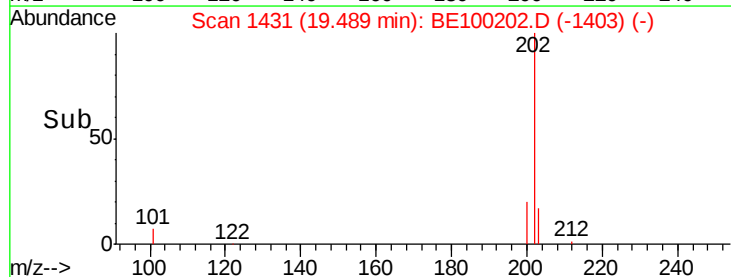
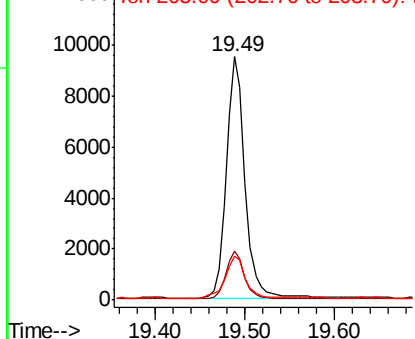


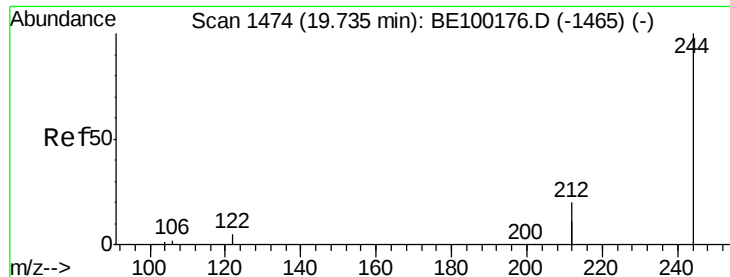
#28
Pyrene
Concen: 0.652 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:202 Resp: 13571
Ion Ratio Lower Upper
202 100
200 19.3 15.5 23.3
203 18.7 13.9 20.9



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: 0.433 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.04 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

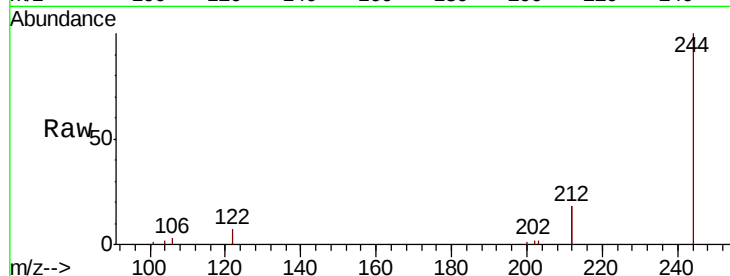
Tot Ion:244 Resp: 6918

Ion Ratio Lower Upper

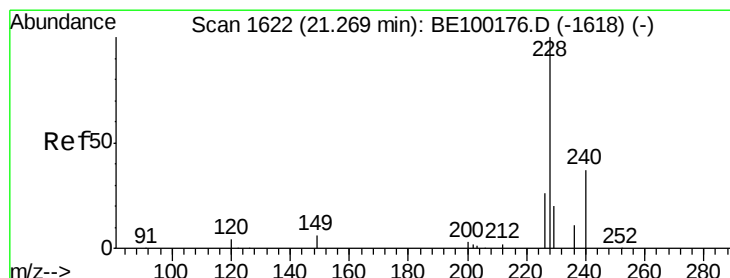
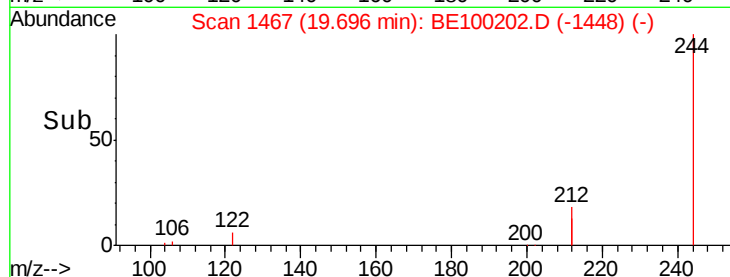
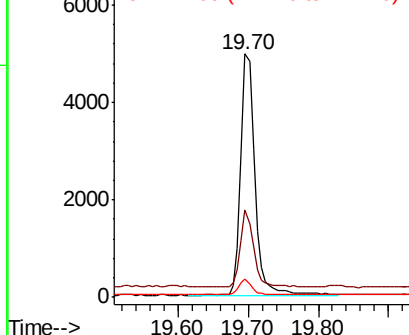
244 100

212 35.8 30.7 46.1

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: 0.503 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

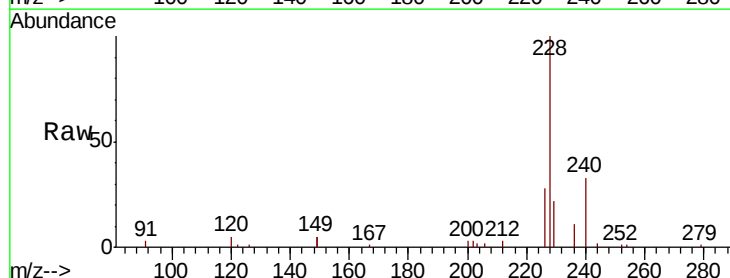
Tgt Ion:228 Resp: 12053

Ion Ratio Lower Upper

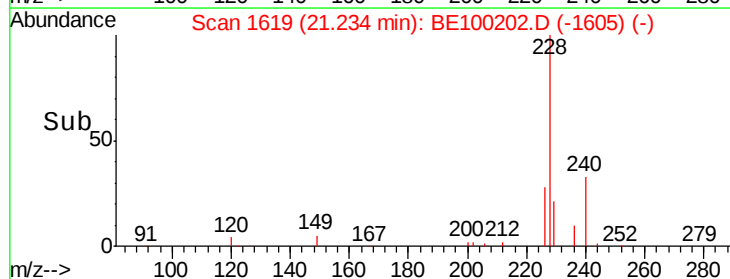
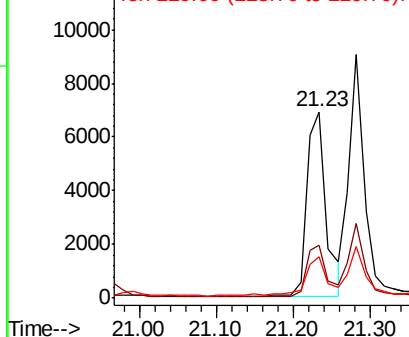
228 100

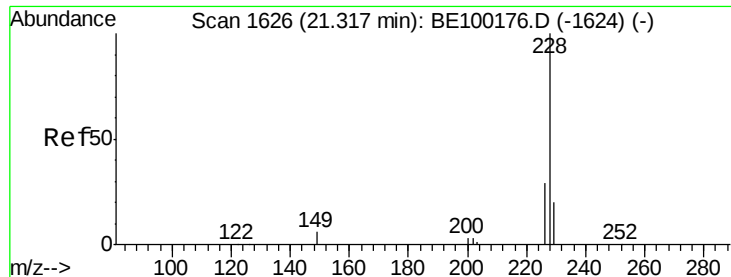
226 28.4 21.5 32.3

229 22.1 17.2 25.8



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





#31

Chrysene

Concen: 0.435 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.04 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

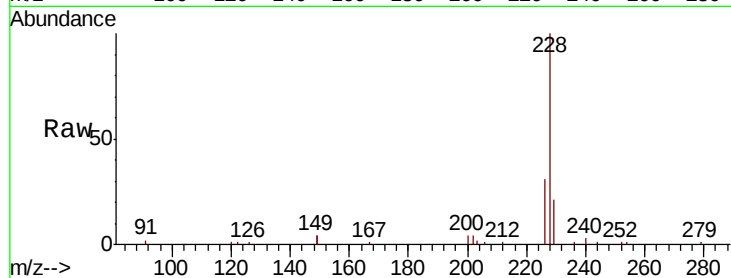
Tot Ion:228 Resp: 12233

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

229 21.0 16.5 24.7

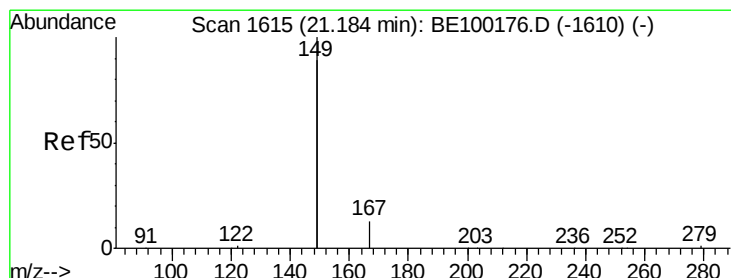
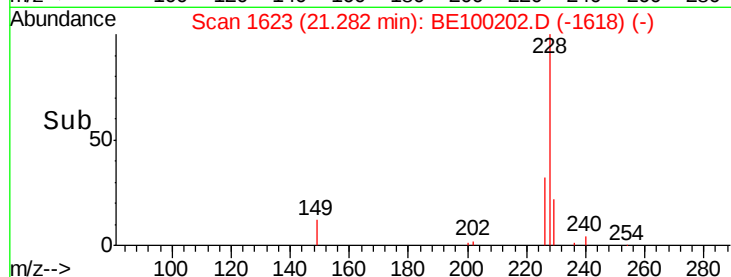
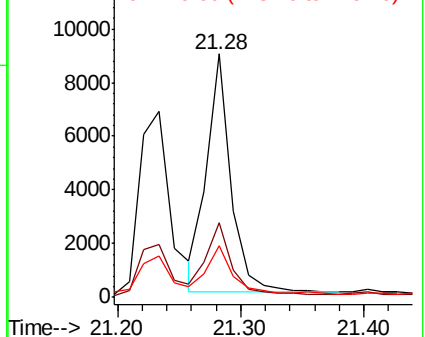


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.696 ng

RT: 21.15 min Scan# 1612

Delta R.T. -0.04 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

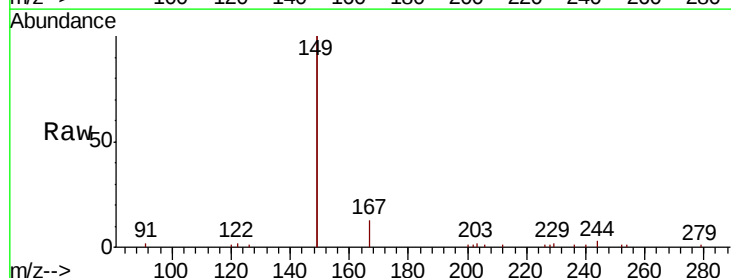
Tgt Ion:149 Resp: 19163

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 1.4 1.0 1.6

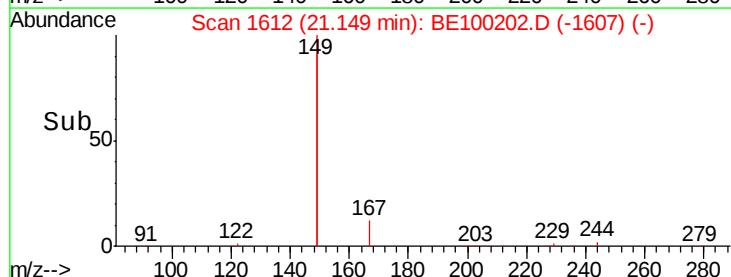
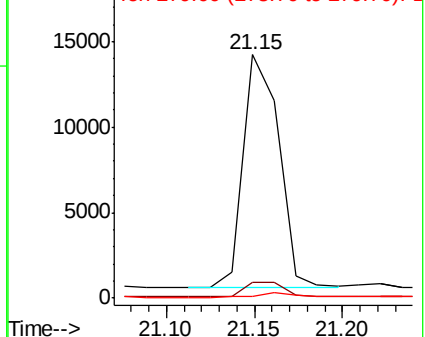


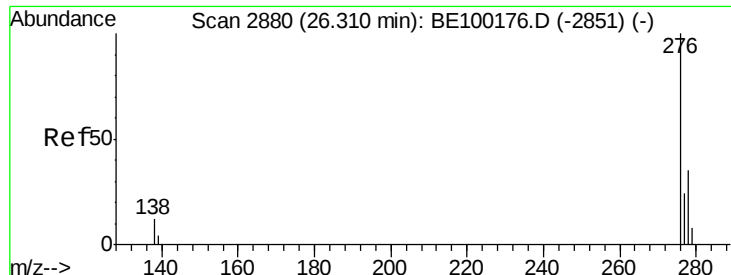
Abundance

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

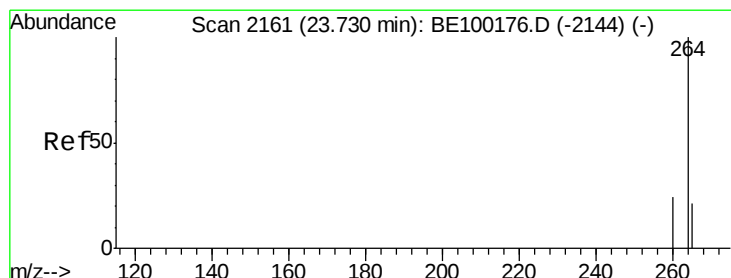
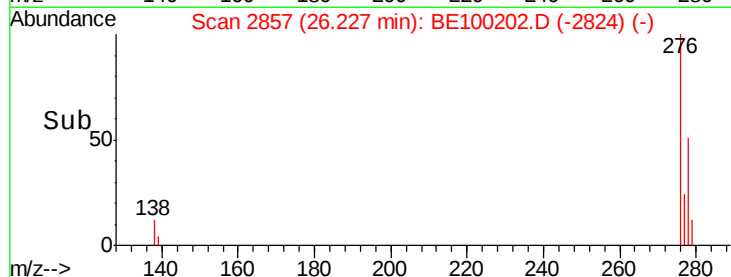
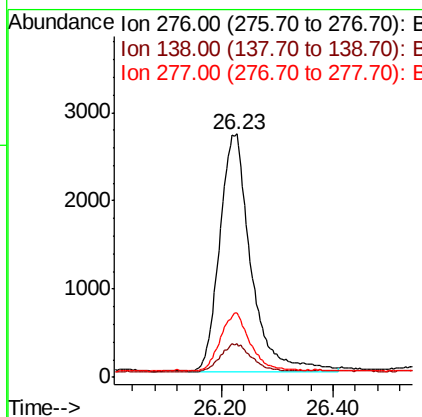
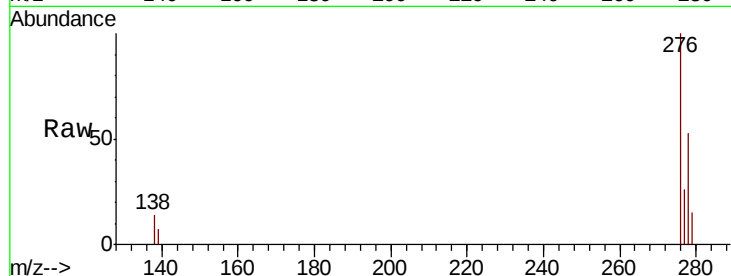




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.261 ng
 RT: 26.23 min Scan# 2857
 Delta R.T. -0.08 min
 Lab File: BE100202.D
 Acq: 27 Jun 2019 13:15

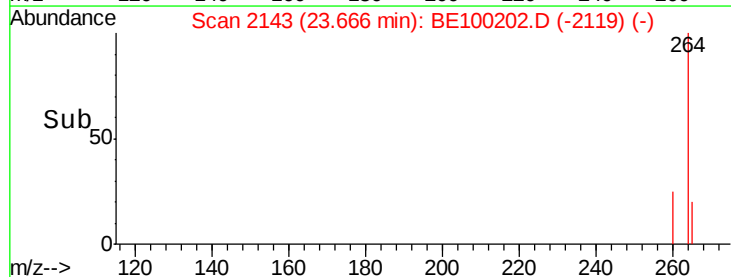
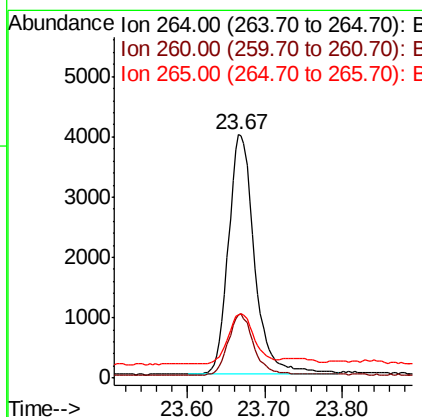
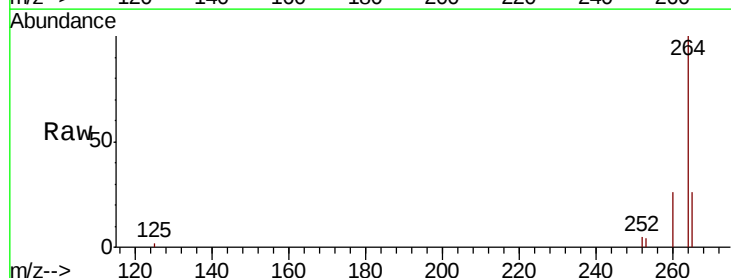
Instrument :
 BNA_E
 ClientSampleId :

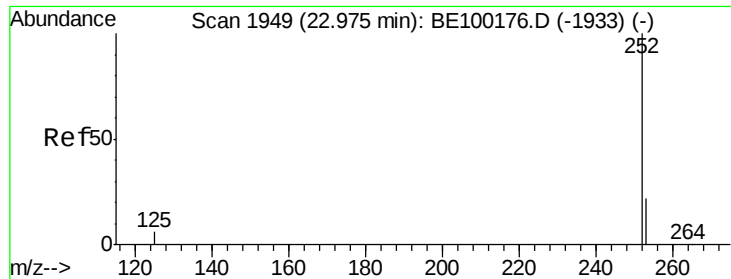
Tot Ion:276 Resp: 10430
 Ion Ratio Lower Upper
 276 100
 138 11.9 3.7 5.5#
 277 23.1 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2143
 Delta R.T. -0.06 min
 Lab File: BE100202.D
 Acq: 27 Jun 2019 13:15

Tgt Ion:264 Resp: 9322
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.4 30.6
 265 26.1 22.5 33.7





#35

Benzo(b)fluoranthene

Concen: 0.389 ng

RT: 22.97 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

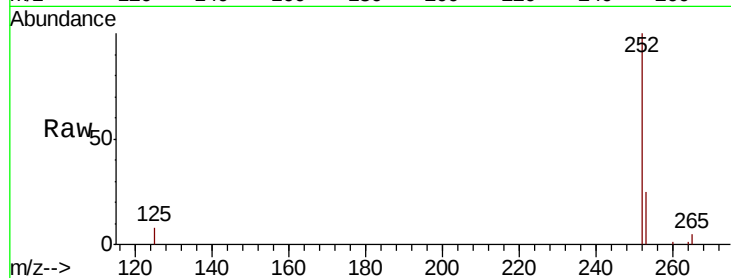
Tot Ion:252 Resp: 9753

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.4

125 7.9 6.3 9.5

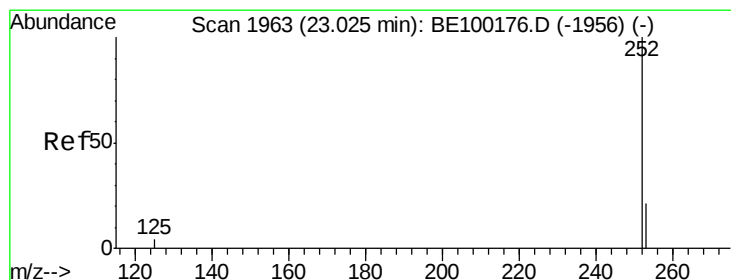
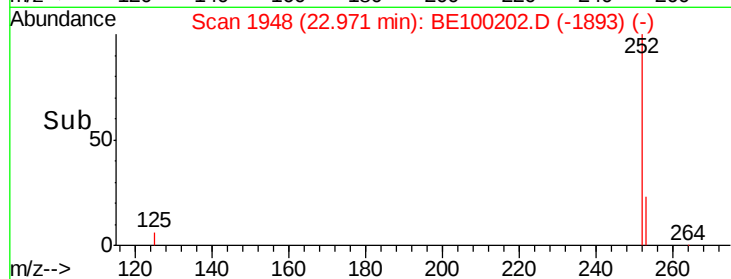
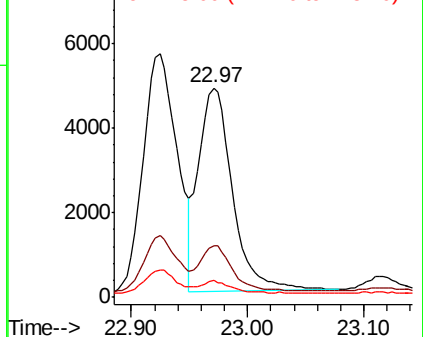


Abundance

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: 0.340 ng

RT: 22.97 min Scan# 1948

Delta R.T. -0.05 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

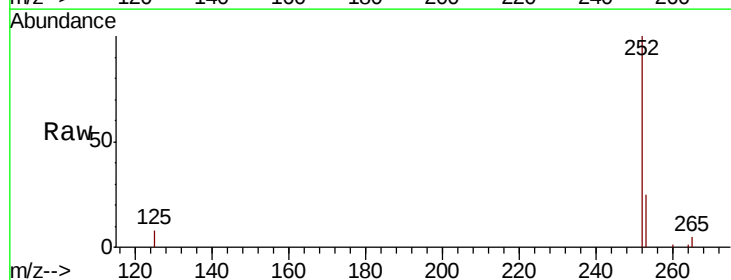
Tgt Ion:252 Resp: 10215

Ion Ratio Lower Upper

252 100

253 24.7 18.4 27.6

125 7.9 5.0 7.4#

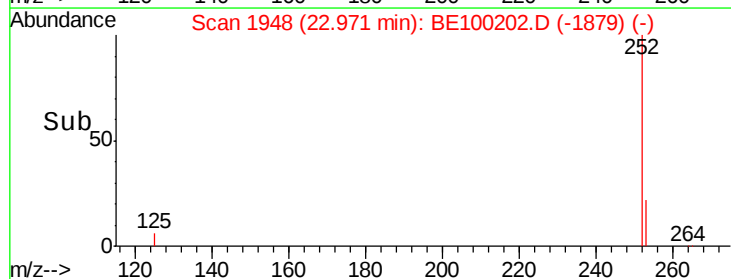
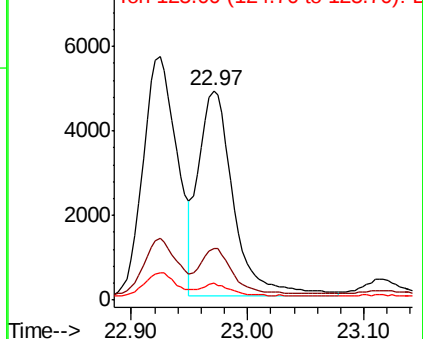


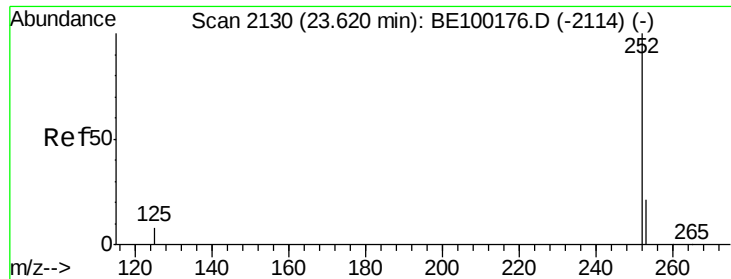
Abundance

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: 0.385 ng

RT: 23.56 min Scan# 2113

Delta R.T. -0.06 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

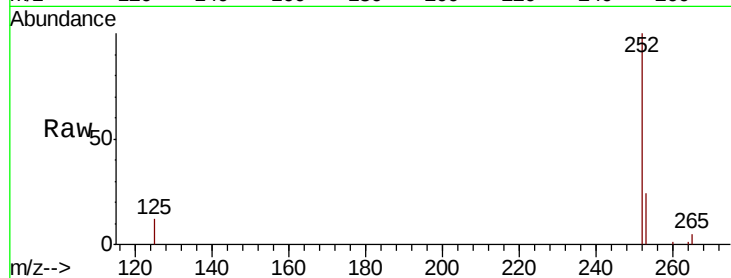
Tot Ion:252 Resp: 10013

Ion Ratio Lower Upper

252 100

253 24.4 19.2 28.8

125 12.2 8.2 12.2#

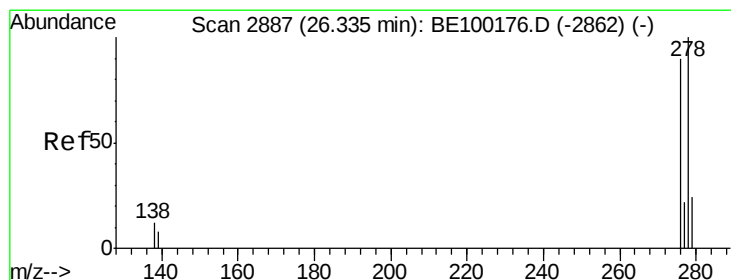
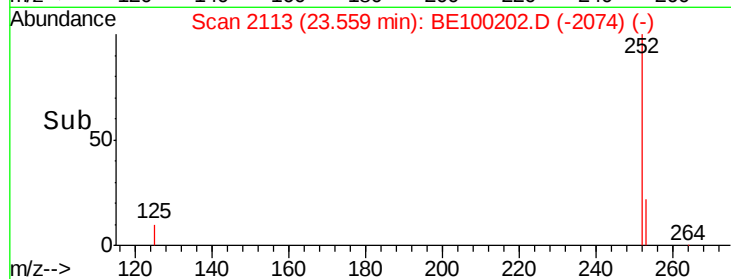
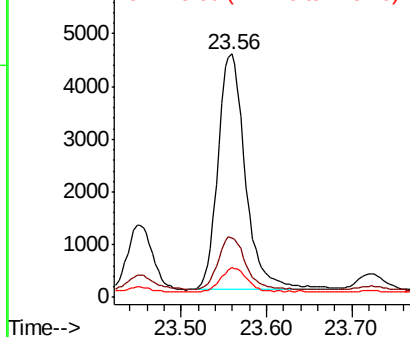


Abundance

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: 0.243 ng

RT: 26.24 min Scan# 2862

Delta R.T. -0.09 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

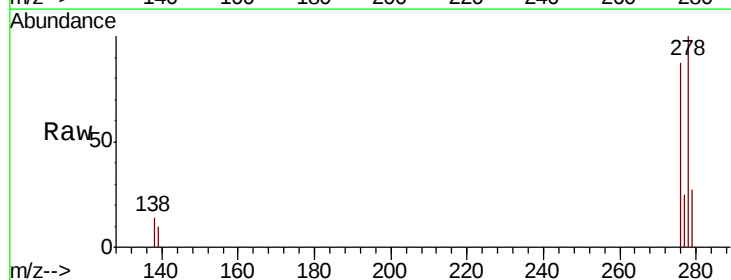
Tgt Ion:278 Resp: 6762

Ion Ratio Lower Upper

278 100

139 10.2 9.0 13.4

279 26.5 21.1 31.7

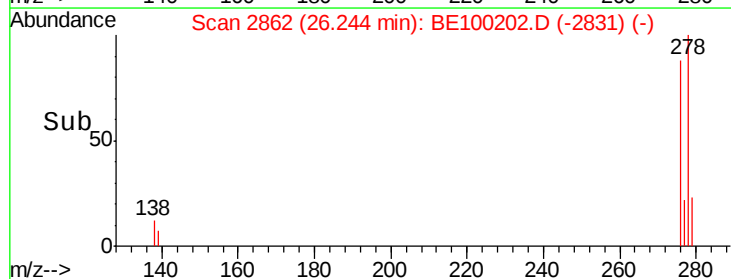
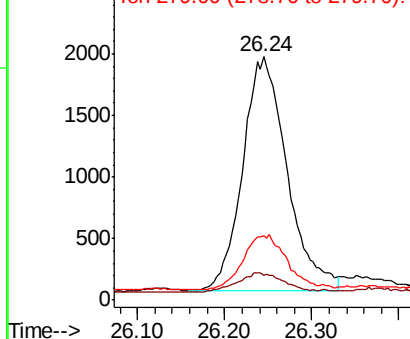


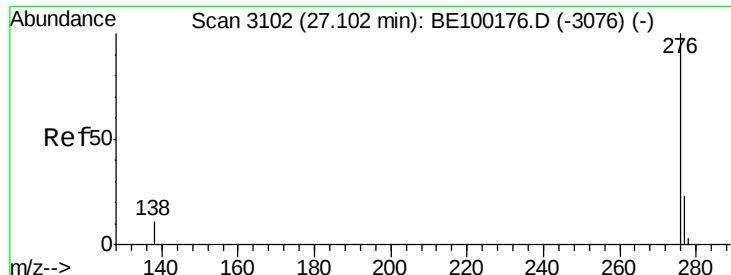
Abundance

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: 0.320 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.09 min

Lab File: BE100202.D

Acq: 27 Jun 2019 13:15

Instrument :

BNA_E

ClientSampleId :

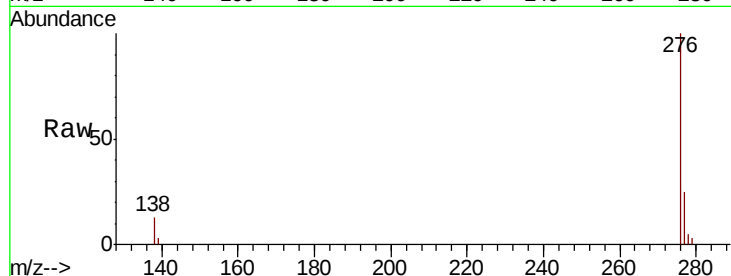
Tot Ion: 276 Resp: 9282

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.6

138 12.8 10.2 15.4



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

