

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100206.D
 Acq On : 27 Jun 2019 16:03
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 18:53:17 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	7.66	152	755	0.40	ng	-0.01
7) Naphthalene-d8	10.45	136	2576	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	2111	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	6415	0.40	ng	-0.03
27) Chrysene-d12	21.24	240	8396	0.40	ng	-0.04
34) Perylene-d12	23.67	264	9251	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	815	0.49	ng	-0.01
5) Phenol-d6	6.84	99	1008	0.44	ng	-0.03
8) Nitrobenzene-d5	8.82	82	1083	0.42	ng	-0.03
11) 2-Methylnaphthalene-d10	12.05	152	1992	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.82	330	473	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.94	172	3263	0.39	ng	-0.03
25) Fluoranthene-d10	19.10	212	36168	0.39	ng	-0.03
29) Terphenyl-d14	19.70	244	7324	0.44	ng	-0.03

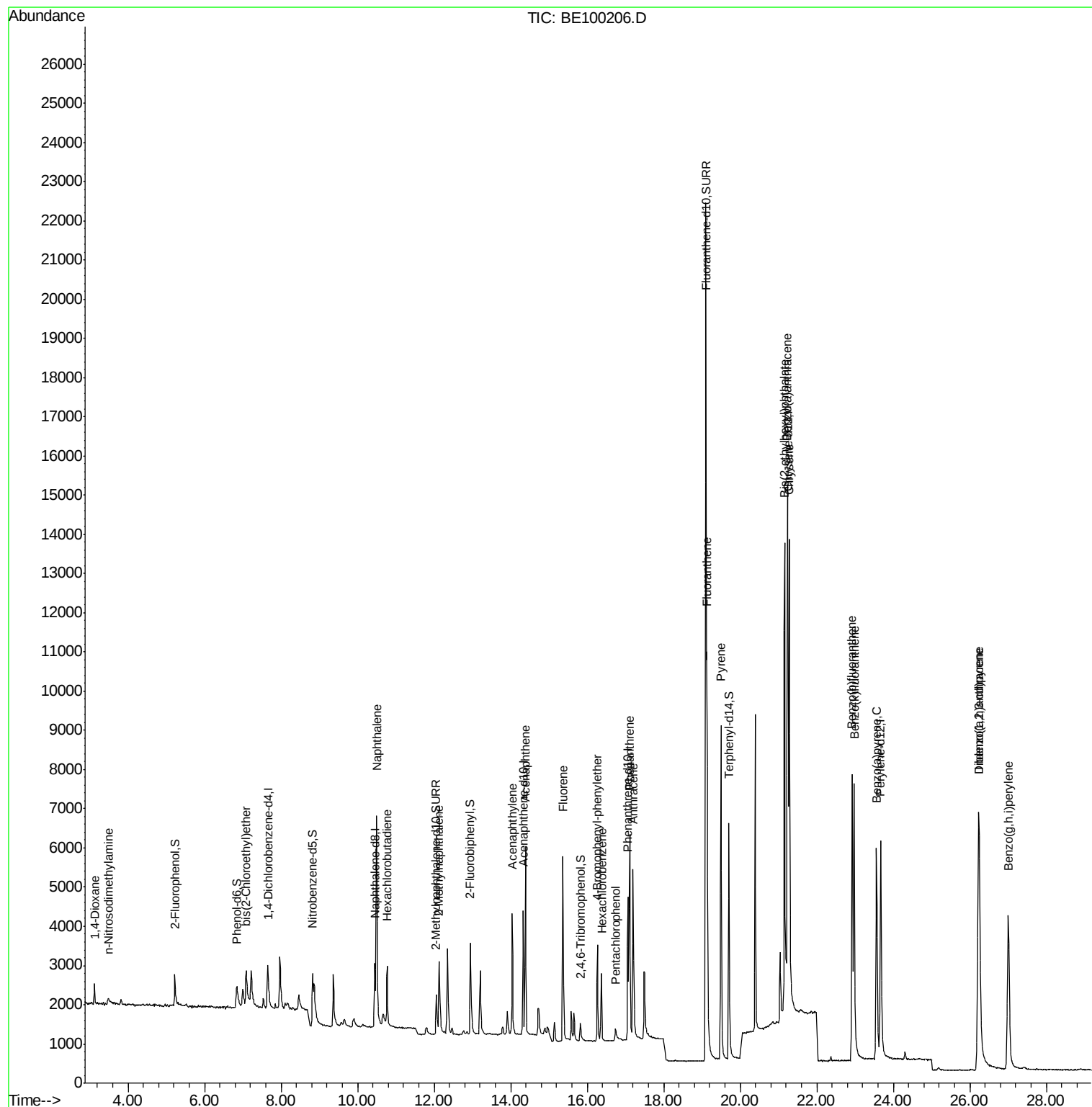
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	459	0.388	ng	91
3) n-Nitrosodimethylamine	3.49	42	225	0.515	ng	# 25
6) bis(2-Chloroethyl)ether	7.09	93	948	0.448	ng	# 97
9) Naphthalene	10.50	128	11798	0.420	ng	98
10) Hexachlorobutadiene	10.77	225	1171	0.403	ng	100
12) 2-Methylnaphthalene	12.12	142	1916	0.423	ng	98
16) Acenaphthylene	14.04	152	4003	0.389	ng	99
17) Acenaphthene	14.38	154	2366	0.410	ng	98
18) Fluorene	15.37	166	3480	0.417	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1595	0.401	ng	# 92
21) Hexachlorobenzene	16.37	284	1808	0.414	ng	99
22) Pentachlorophenol	16.73	266	377	0.528	ng	87
23) Phenanthrene	17.11	178	6436	0.424	ng	100
24) Anthracene	17.20	178	5598	0.436	ng	99
26) Fluoranthene	19.13	202	9789	0.396	ng	100
28) Pyrene	19.49	202	9990	0.465	ng	100
30) Benzo(a)anthracene	21.23	228	11001	0.444	ng	98
31) Chrysene	21.28	228	11668	0.402	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	17070	0.600	ng	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	13165	0.319	ng	# 96
35) Benzo(b)fluoranthene	22.92	252	10539	0.424	ng	99
36) Benzo(k)fluoranthene	22.97	252	11635	0.391	ng	99
37) Benzo(a)pyrene	23.56	252	10400	0.403	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	9901	0.359	ng	98
39) Benzo(g,h,i)perylene	27.00	276	11104	0.386	ng	99

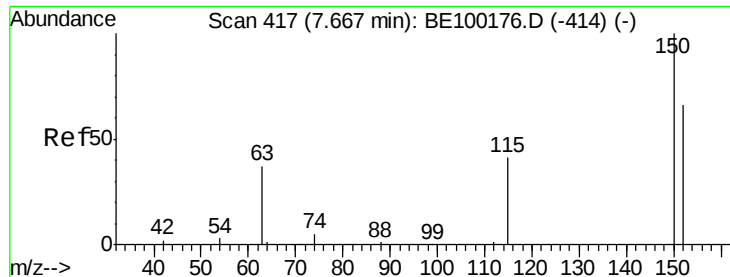
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100206.D
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QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 416

Delta R.T. -0.01 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

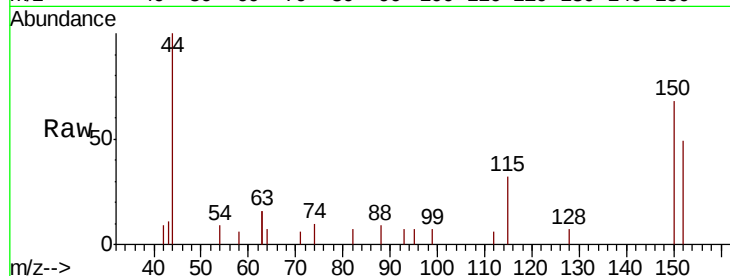
Tot Ion:152 Resp: 755

Ion Ratio Lower Upper

152 100

150 138.5 113.4 170.2

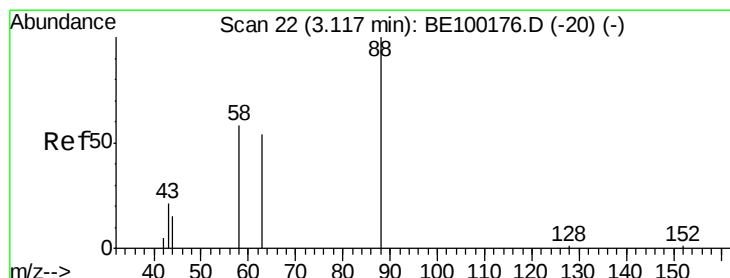
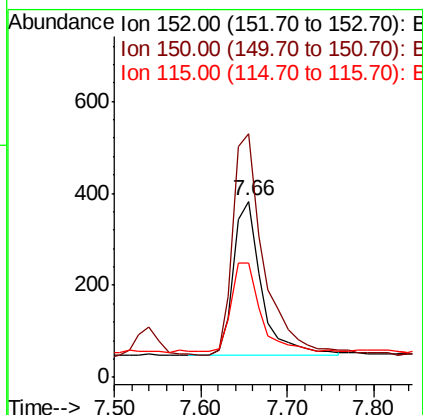
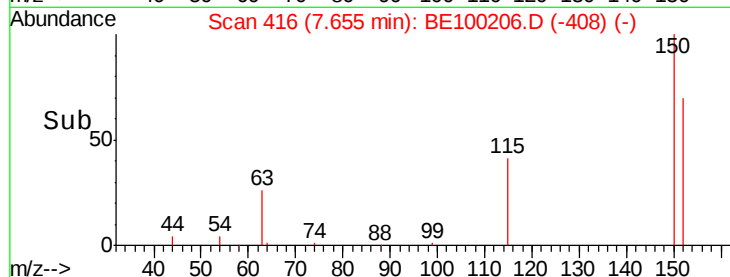
115 65.2 55.8 83.6



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



#2

1,4-Dioxane

Concen: 0.388 ng

RT: 3.12 min Scan# 22

Delta R.T. -0.00 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

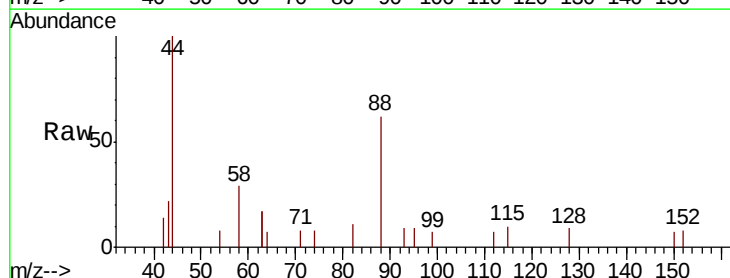
Tgt Ion: 88 Resp: 459

Ion Ratio Lower Upper

88 100

58 62.1 43.8 65.6

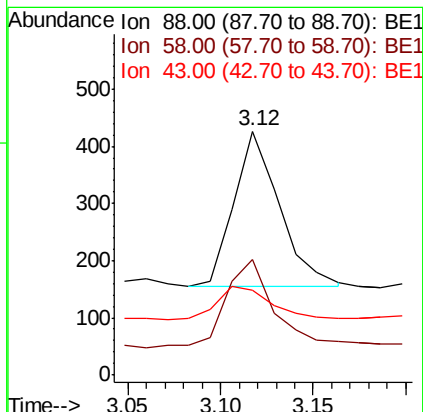
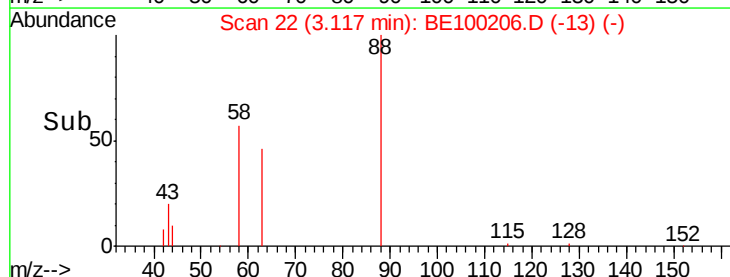
43 27.0 19.4 29.2

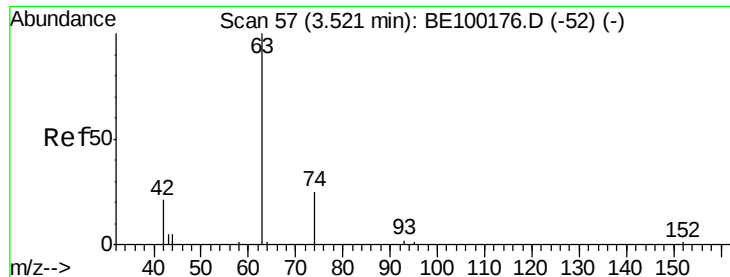


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.515 ng

RT: 3.49 min Scan# 54

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

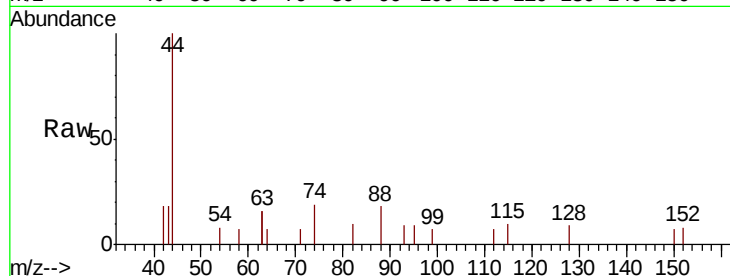
Tot Ion: 42 Resp: 225

Ion Ratio Lower Upper

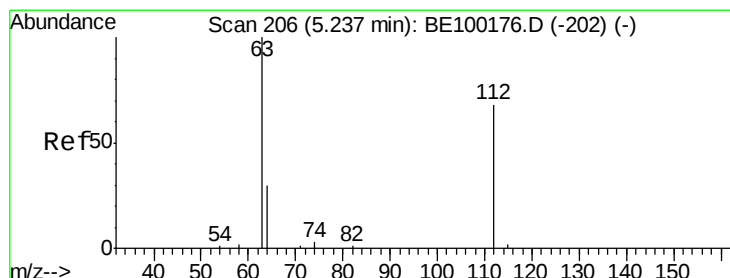
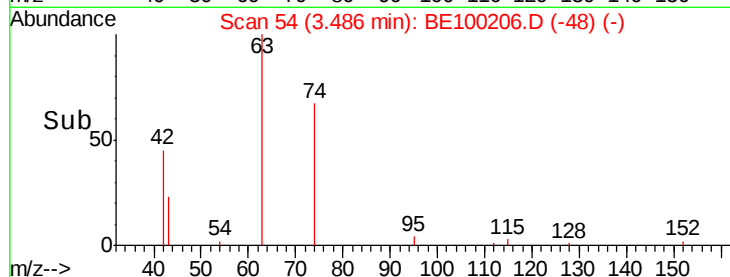
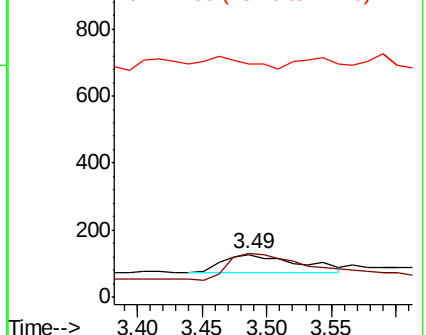
42 100

74 155.1 193.2 289.8#

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



#4

2-Fluorophenol

Concen: 0.486 ng

RT: 5.22 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

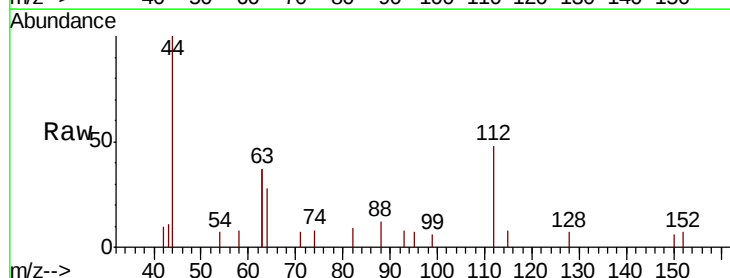
Tgt Ion: 112 Resp: 815

Ion Ratio Lower Upper

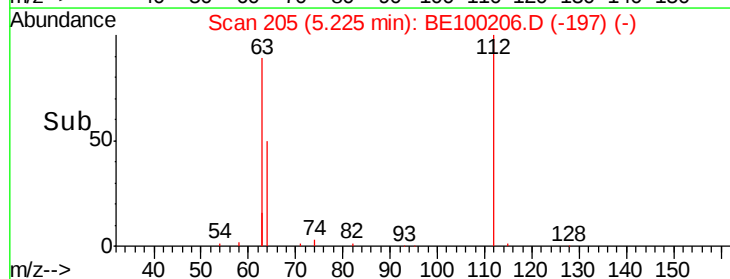
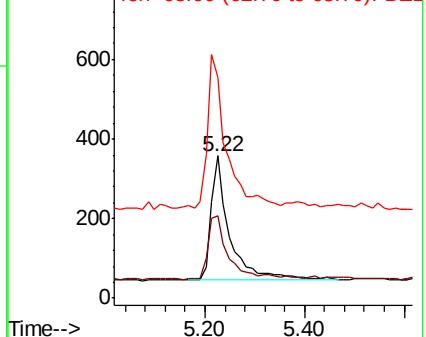
112 100

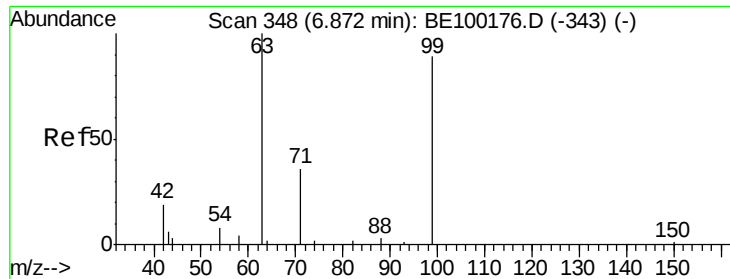
64 56.4 40.7 61.1

63 117.8 93.2 139.8



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: 0.437 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampled :

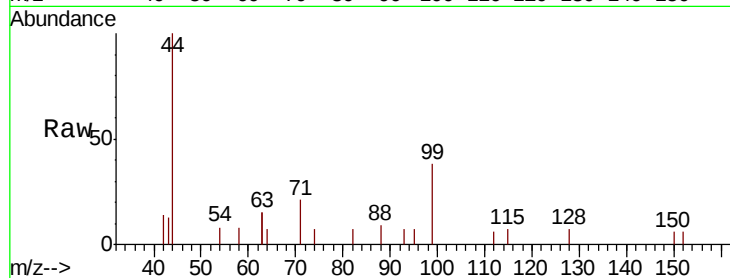
Tot Ion: 99 Resp: 1008

Ion Ratio Lower Upper

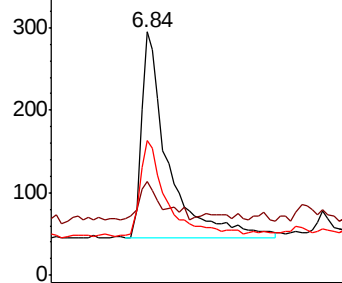
99 100

42 15.7 10.4 15.6#

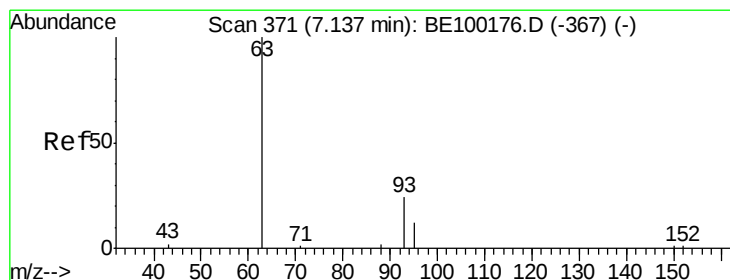
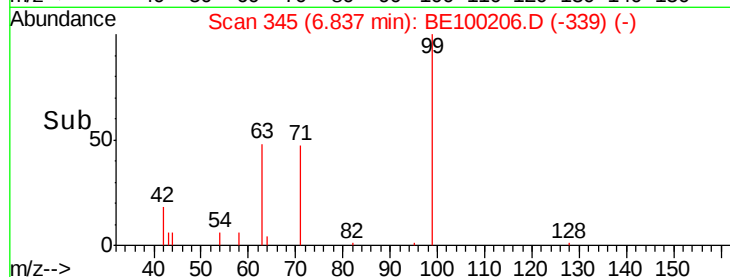
71 43.5 32.4 48.6



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.448 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.05 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

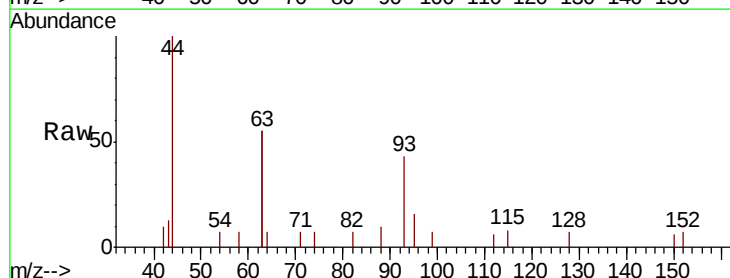
Tgt Ion: 93 Resp: 948

Ion Ratio Lower Upper

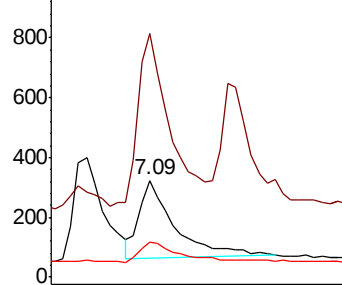
93 100

63 196.5 0.0 0.0#

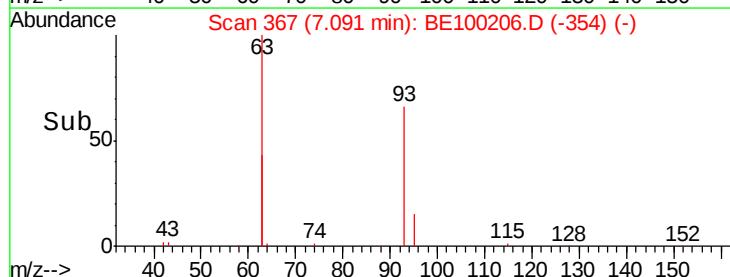
95 28.0 21.0 31.6

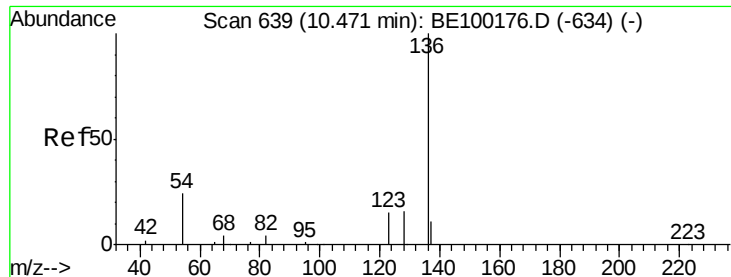


Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2576

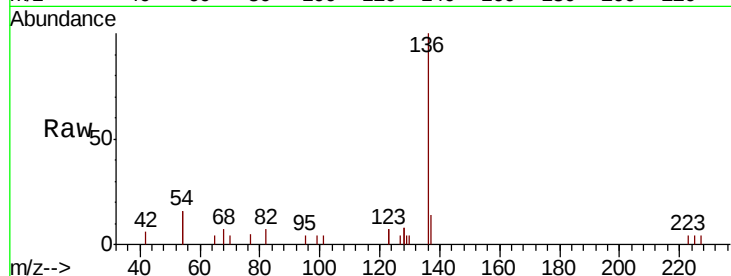
Ion Ratio Lower Upper

136 100

137 13.7 13.8 20.8#

54 31.3 35.4 53.2#

68 7.3 8.8 13.2#

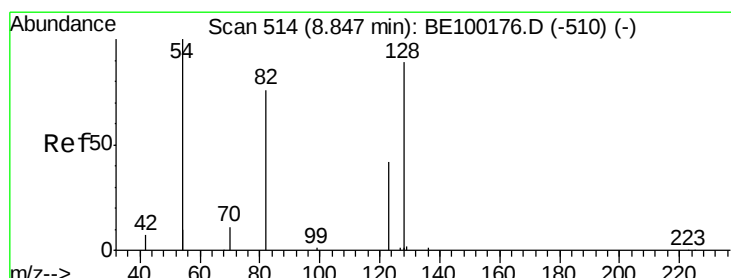
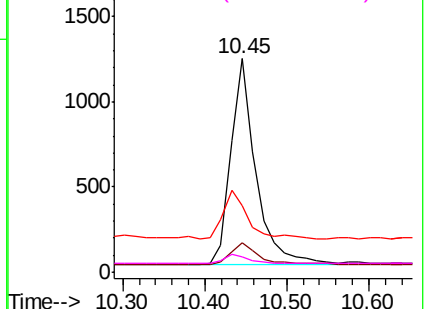
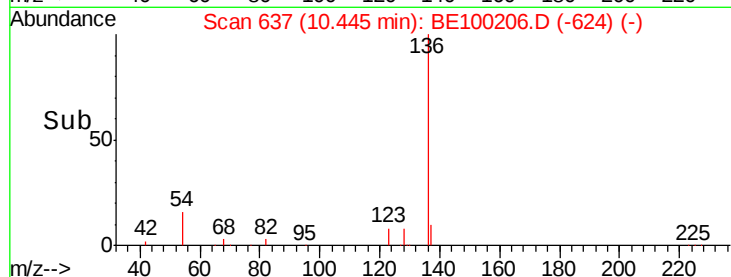


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.422 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

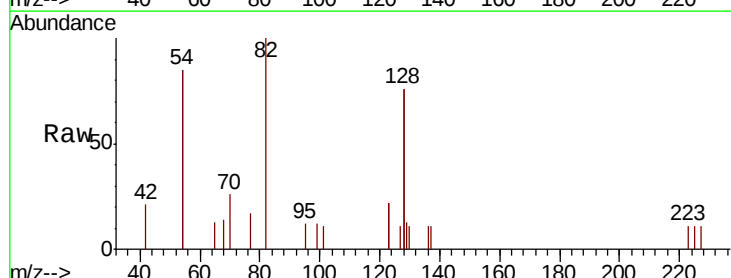
Tgt Ion: 82 Resp: 1083

Ion Ratio Lower Upper

82 100

128 152.7 144.6 217.0

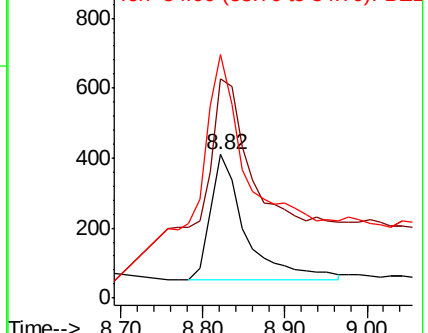
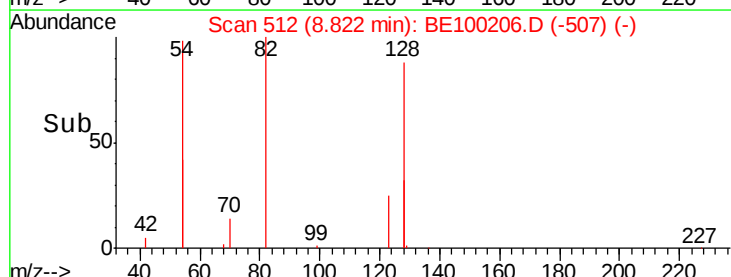
54 169.8 163.0 244.6

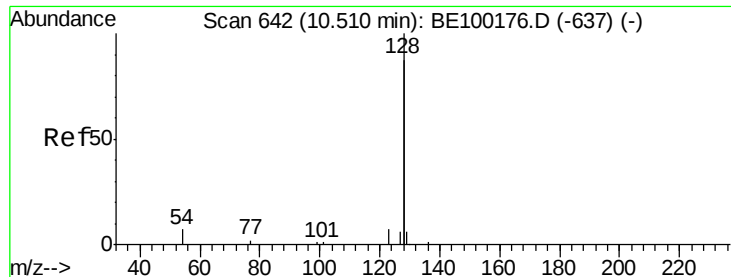


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.420 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

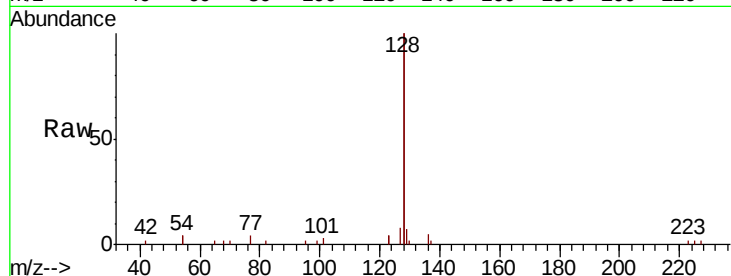
Tot Ion:128 Resp: 11798

Ion Ratio Lower Upper

128 100

129 3.7 3.6 5.4

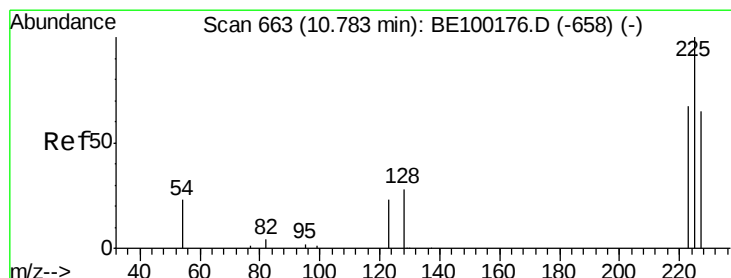
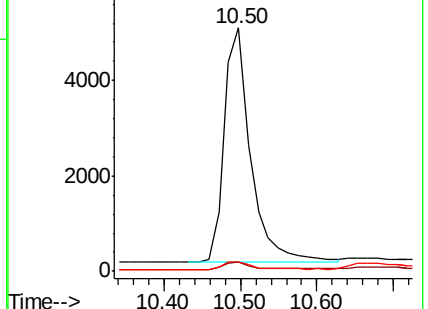
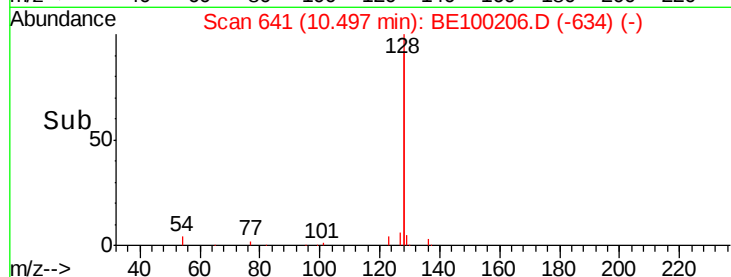
127 4.0 3.8 5.8



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: 0.403 ng

RT: 10.77 min Scan# 662

Delta R.T. -0.01 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

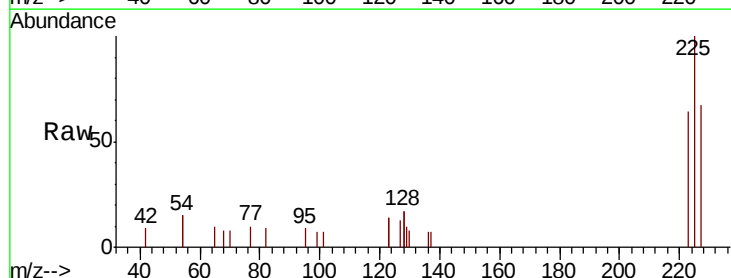
Tgt Ion:225 Resp: 1171

Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

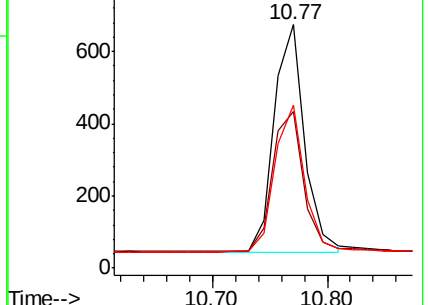
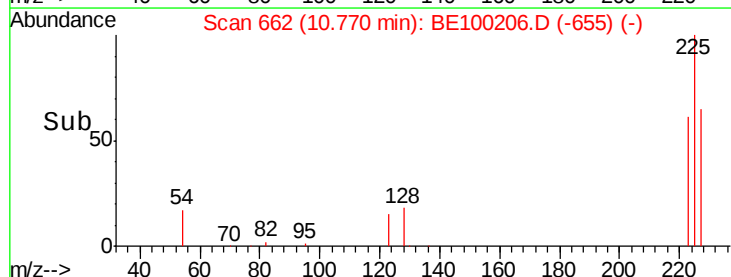
227 63.9 50.9 76.3

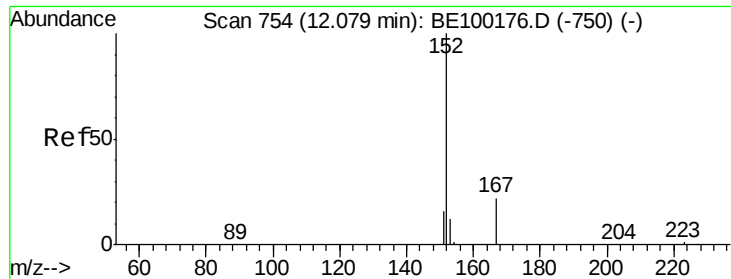


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

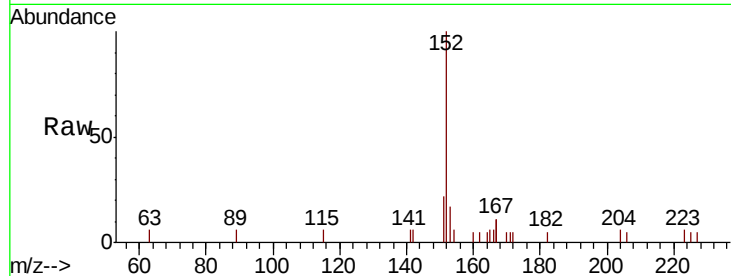




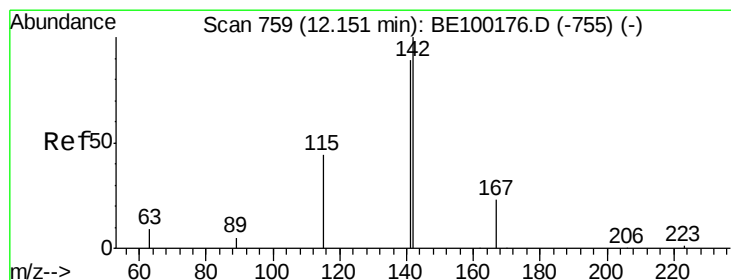
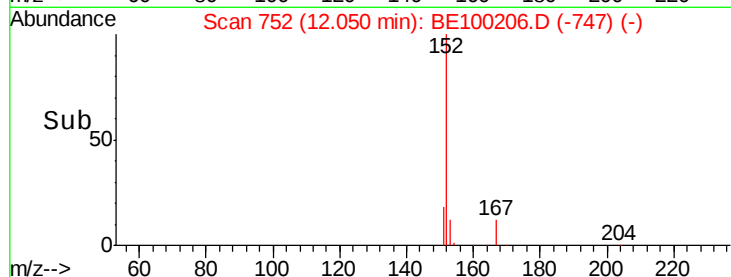
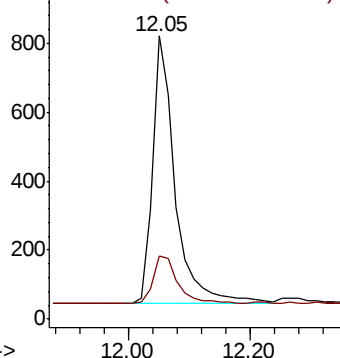
#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1992
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5

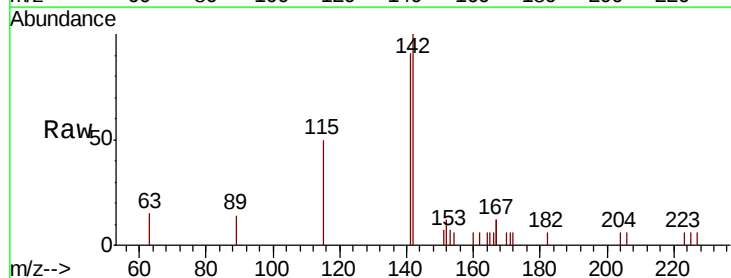


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

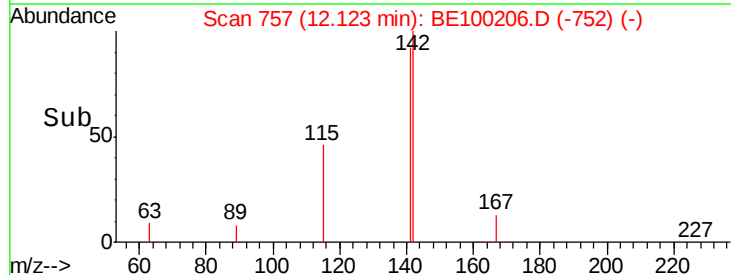
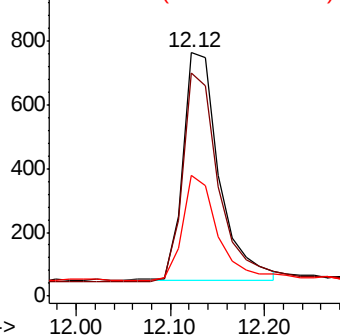


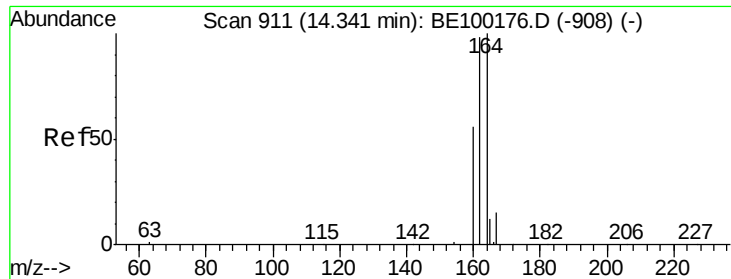
#12
2-Methylnaphthalene
Concen: 0.423 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Tgt Ion:142 Resp: 1916
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.8
115 49.7 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

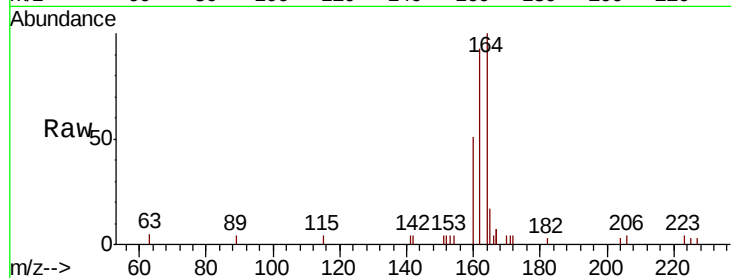




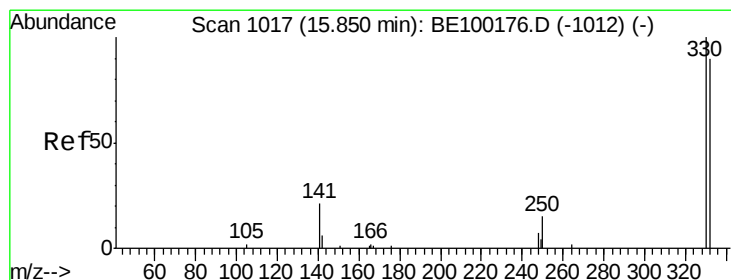
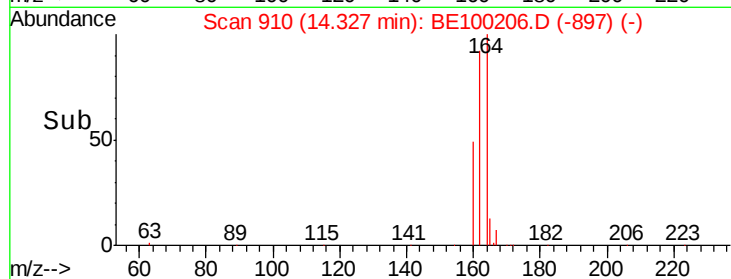
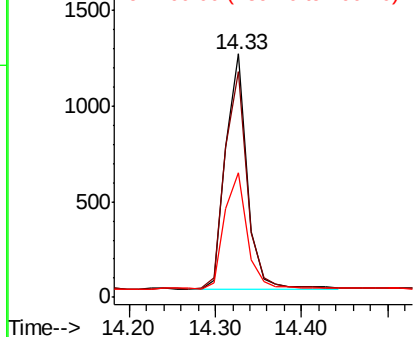
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2111
Ion Ratio Lower Upper
164 100
162 92.5 78.6 118.0
160 51.1 46.9 70.3

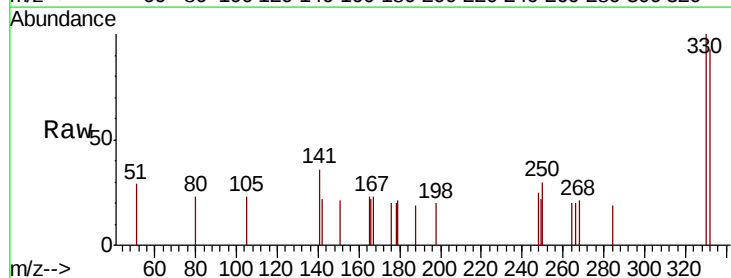


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

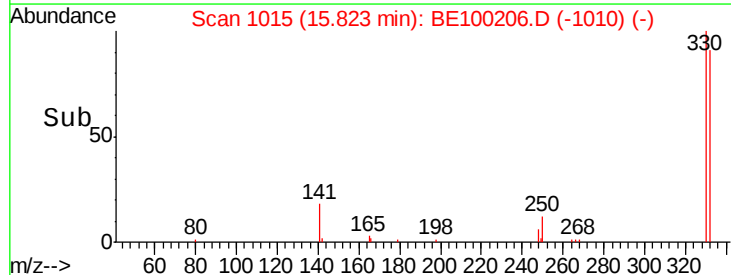
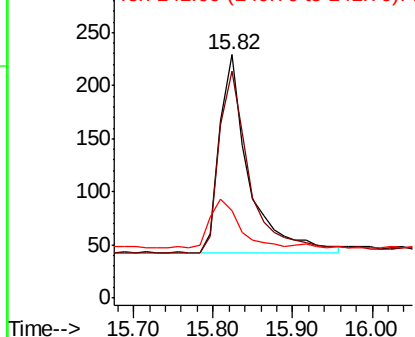


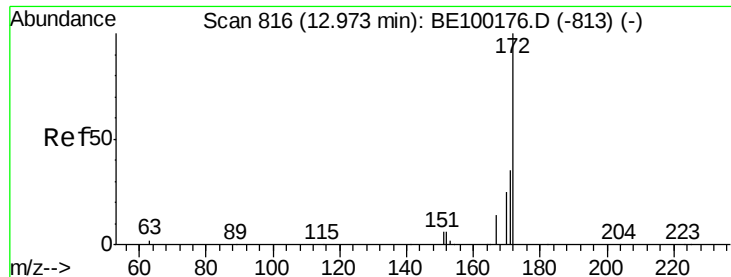
#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Tgt Ion:330 Resp: 473
Ion Ratio Lower Upper
330 100
332 99.4 77.7 116.5
141 24.9 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

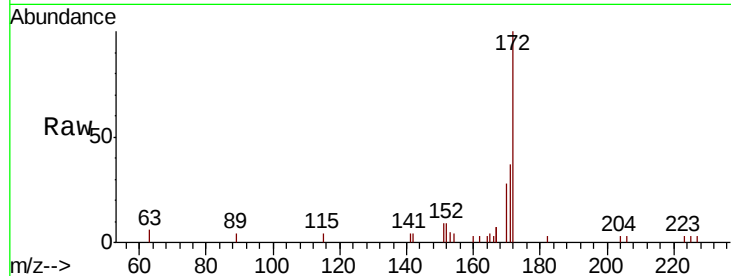




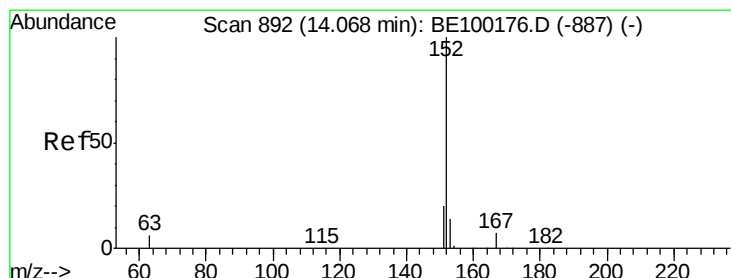
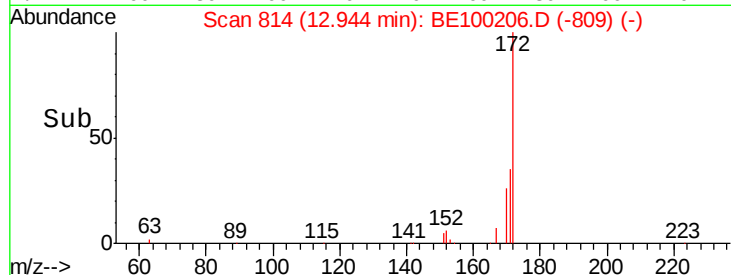
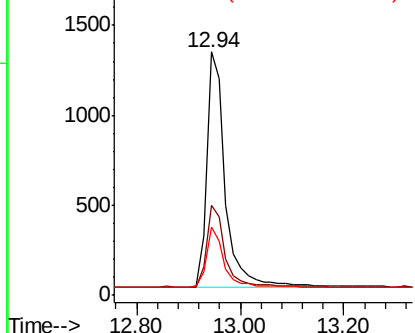
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3263
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 28.1 23.9 35.9

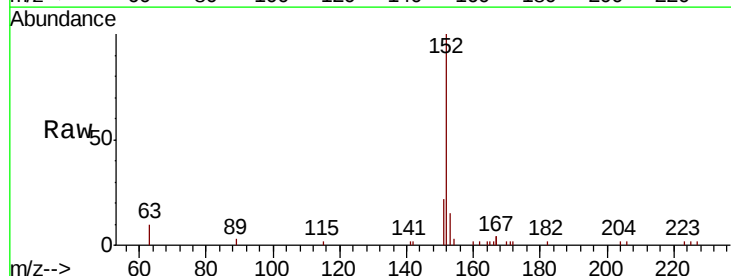


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

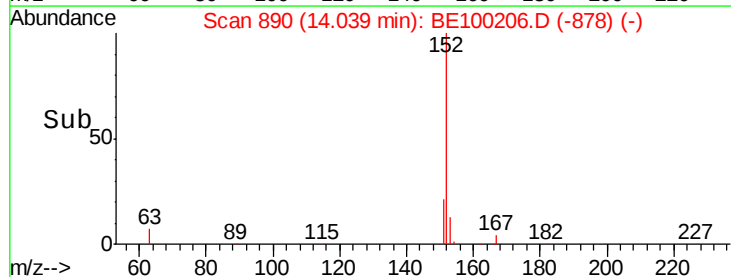
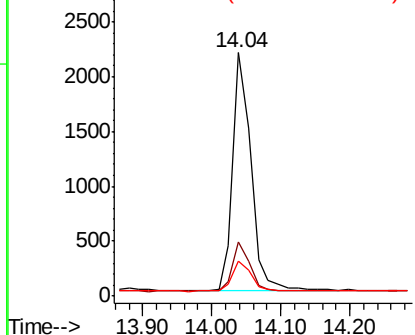


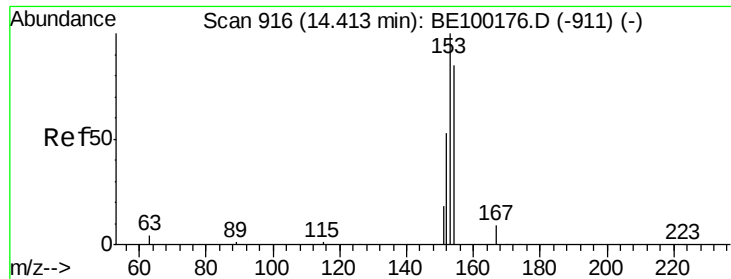
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Tgt Ion:152 Resp: 4003
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.0
153 13.4 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

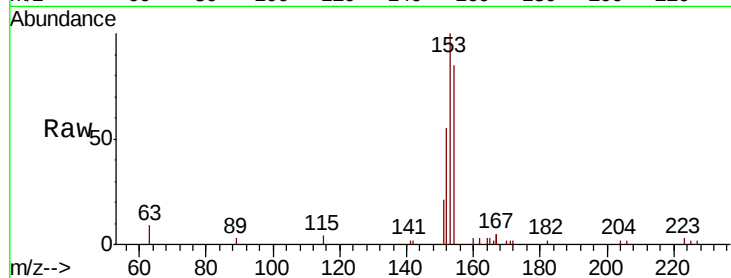




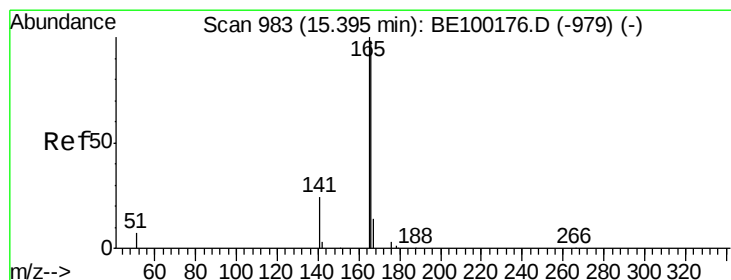
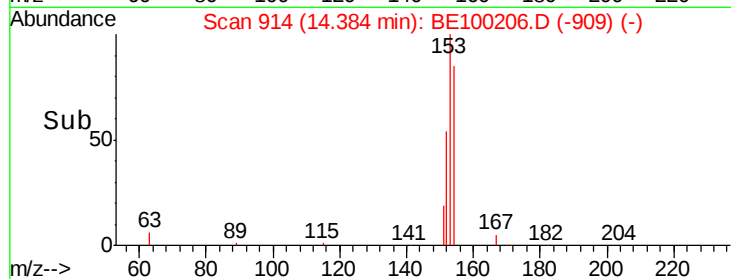
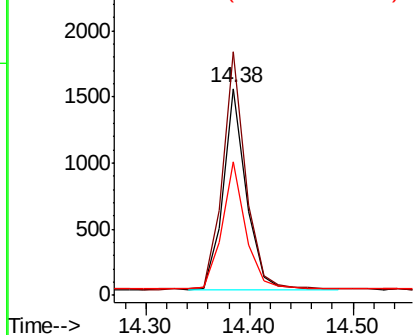
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2366
Ion Ratio Lower Upper
154 100
153 117.7 95.3 142.9
152 64.3 52.9 79.3

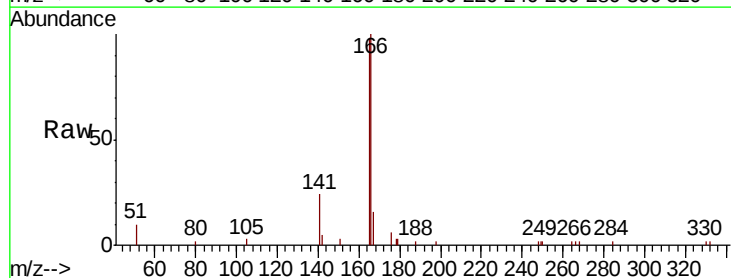


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

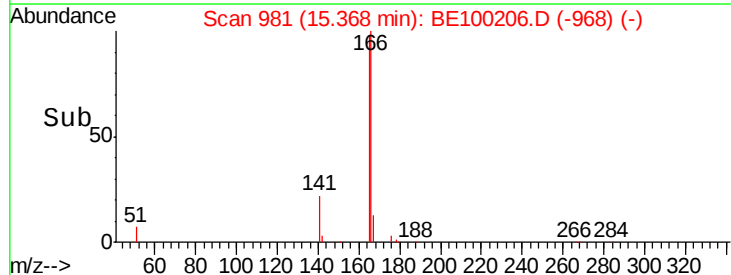
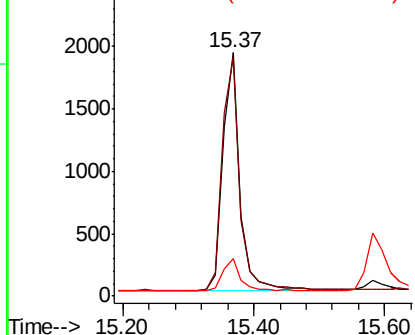


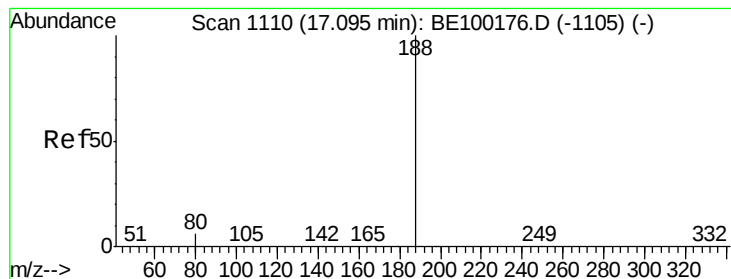
#18
Fluorene
Concen: 0.417 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Tgt Ion:166 Resp: 3480
Ion Ratio Lower Upper
166 100
165 102.0 81.0 121.4
167 13.4 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: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

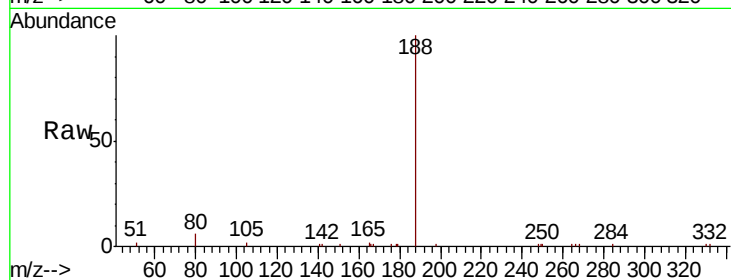
Tot Ion:188 Resp: 6415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

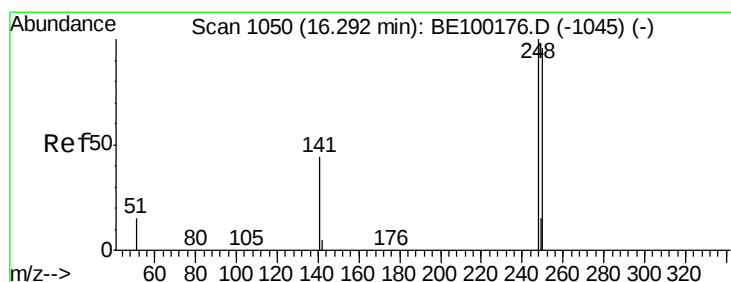
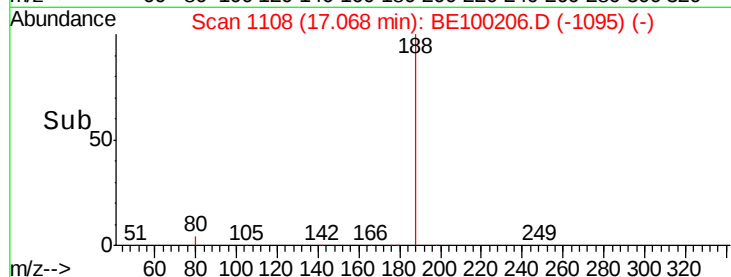
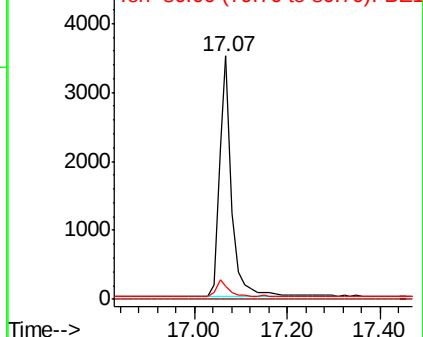
80 5.7 6.4 9.6#



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: 0.401 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

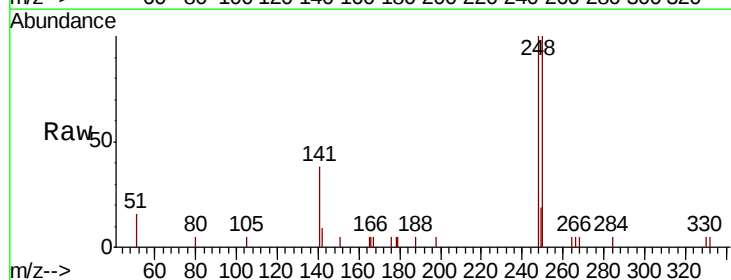
Tgt Ion:248 Resp: 1595

Ion Ratio Lower Upper

248 100

250 99.9 77.1 115.7

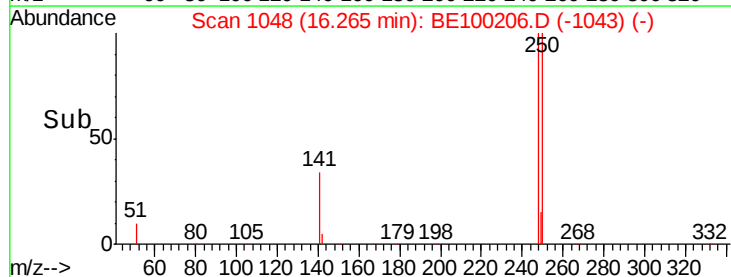
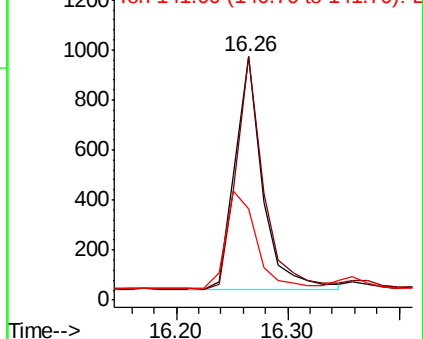
141 37.6 39.5 59.3#

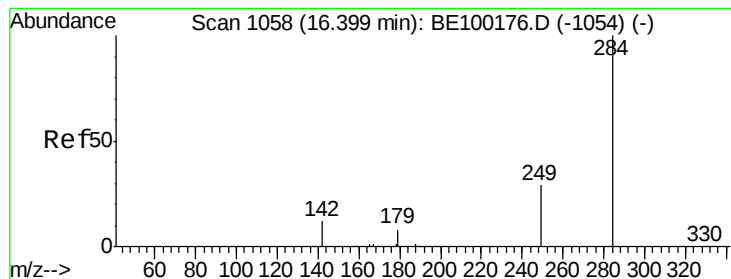


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampled :

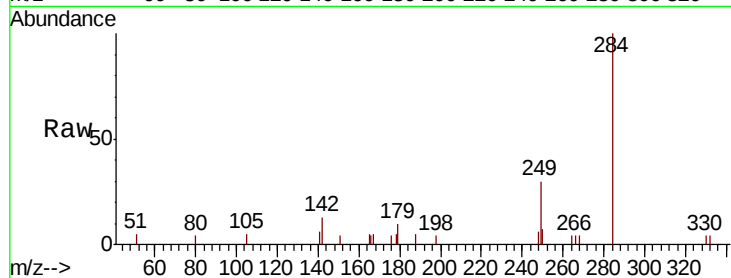
Tot Ion:284 Resp: 1808

Ion Ratio Lower Upper

284 100

142 23.8 20.1 30.1

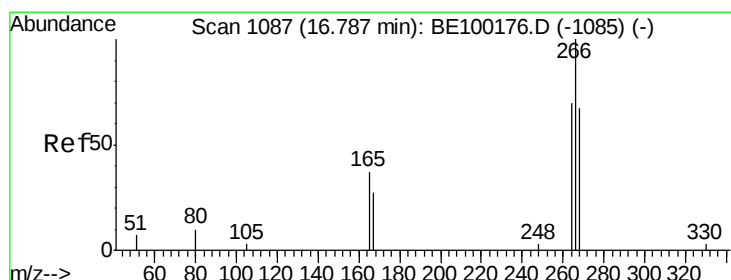
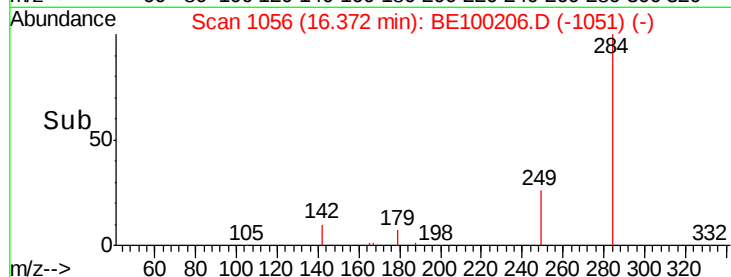
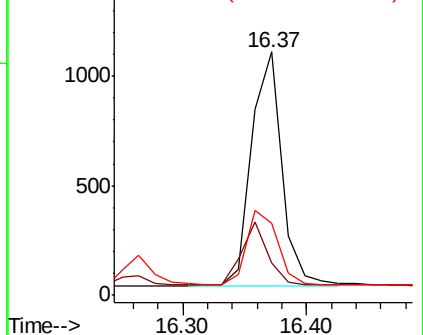
249 32.5 26.2 39.4



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: 0.528 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

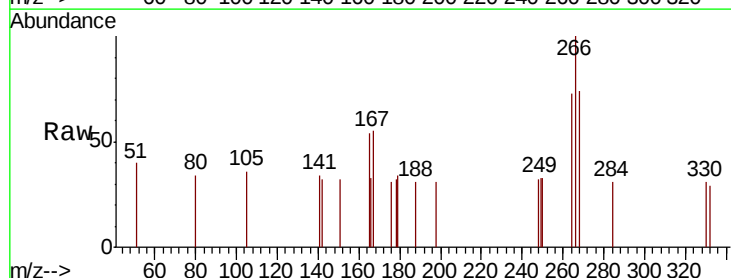
Tgt Ion:266 Resp: 377

Ion Ratio Lower Upper

266 100

264 73.3 67.7 101.5

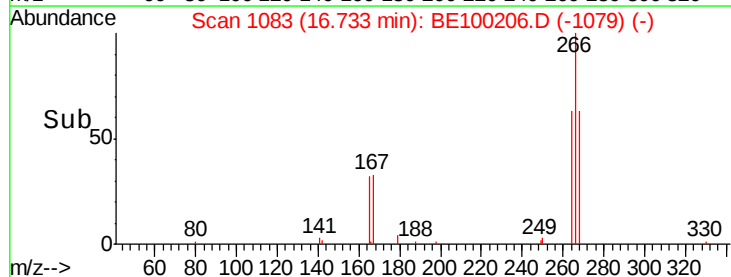
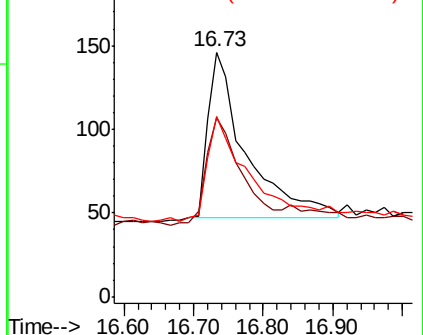
268 74.0 69.8 104.6

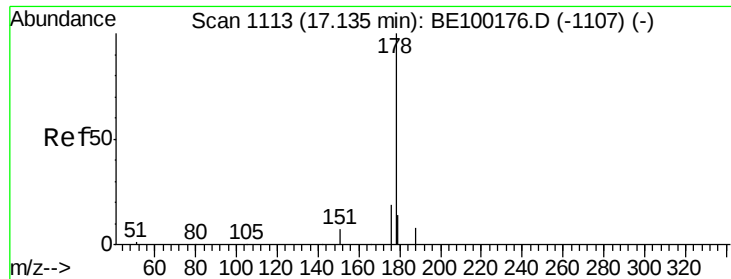


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

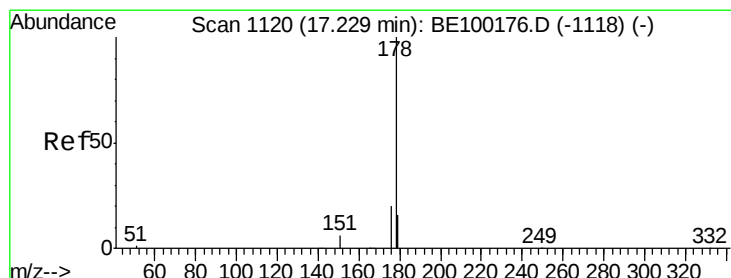
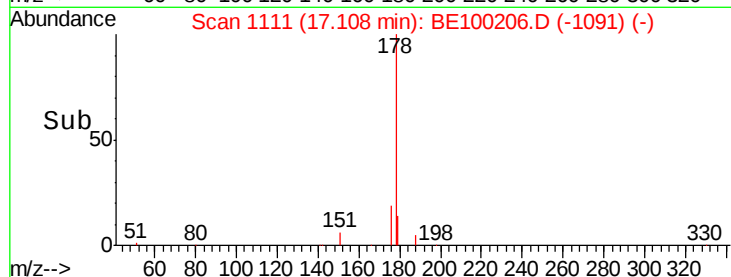
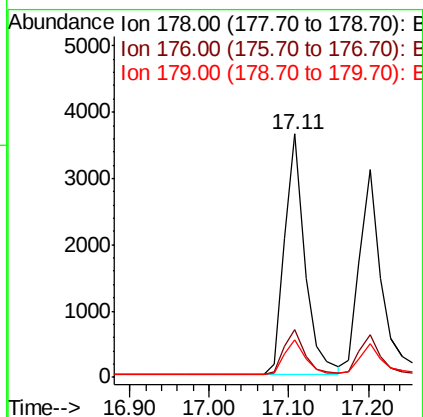
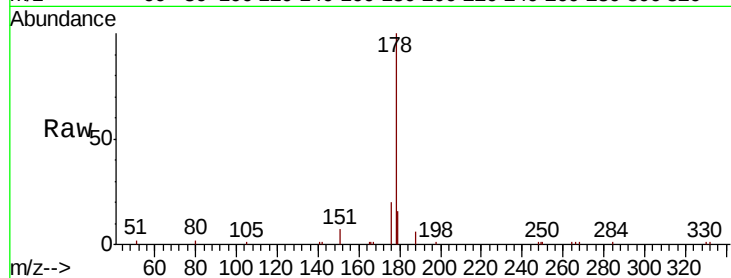




#23
Phenanthrene
Concen: 0.424 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

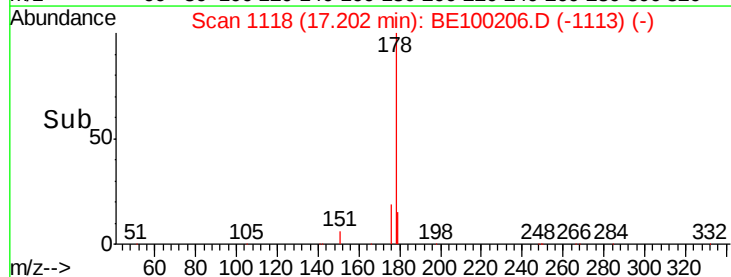
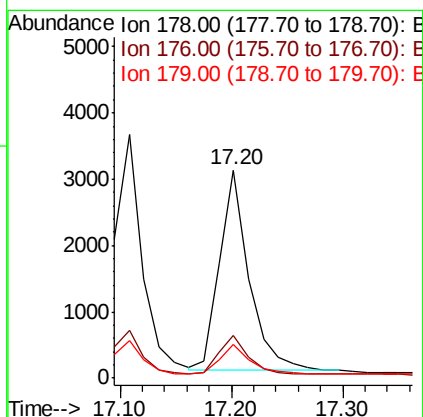
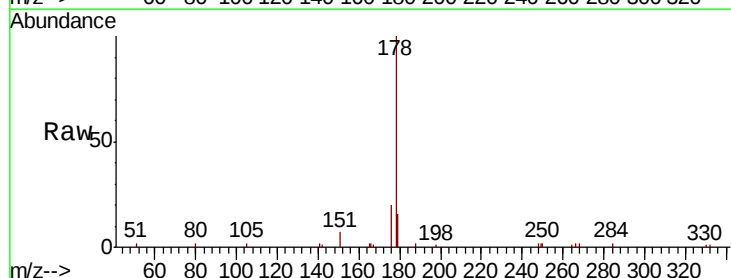
Instrument :
BNA_E
ClientSampleId :

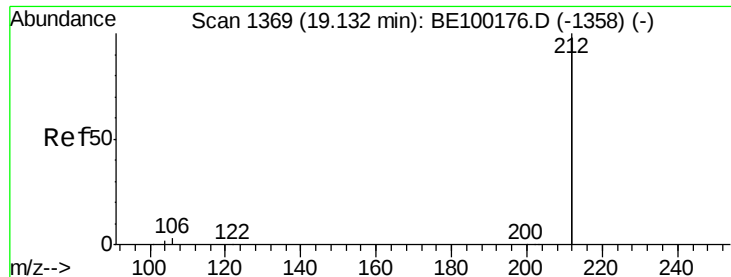
Tot Ion:178 Resp: 6436
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.1 12.2 18.2



#24
Anthracene
Concen: 0.436 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100206.D
Acq: 27 Jun 2019 16:03

Tgt Ion:178 Resp: 5598
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.1 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

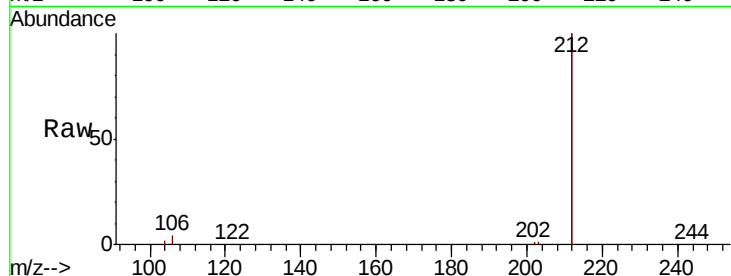
Tot Ion:212 Resp: 36168

Ion Ratio Lower Upper

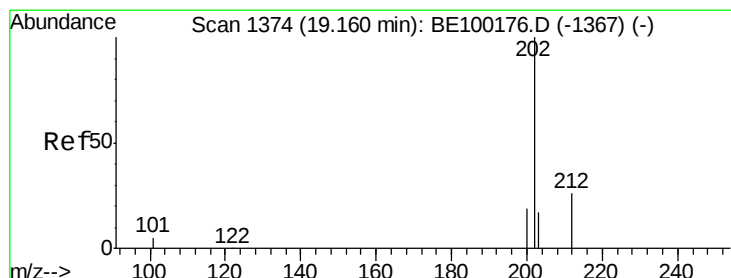
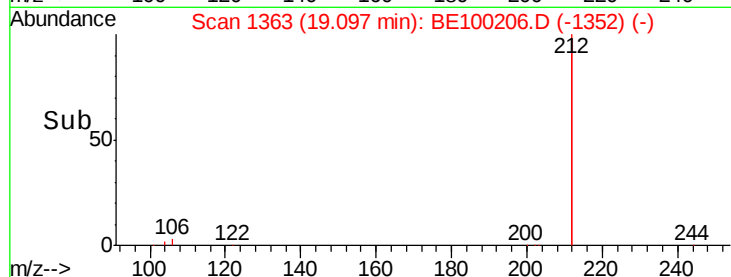
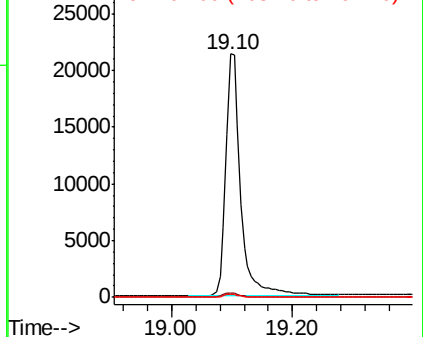
212 100

106 1.7 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: 0.396 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

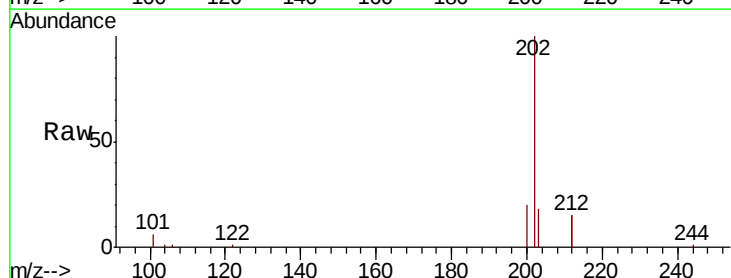
Tgt Ion:202 Resp: 9789

Ion Ratio Lower Upper

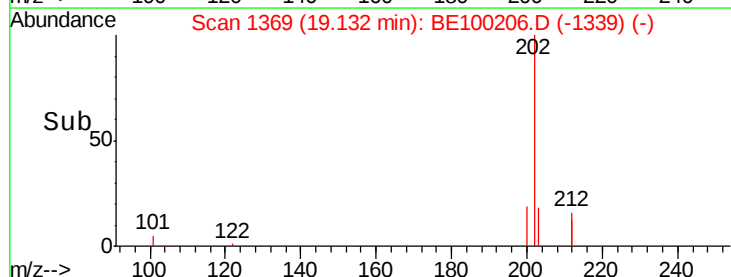
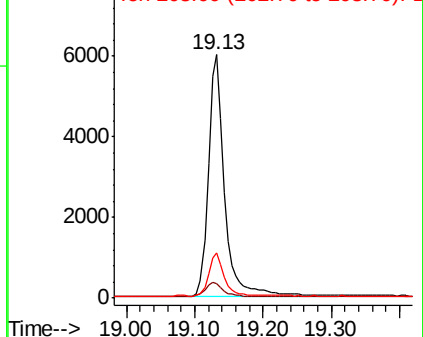
202 100

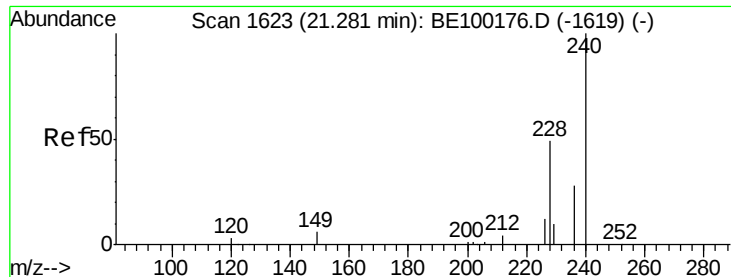
101 5.9 4.5 6.7

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: 21.24 min Scan# 1620

Delta R.T. -0.04 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

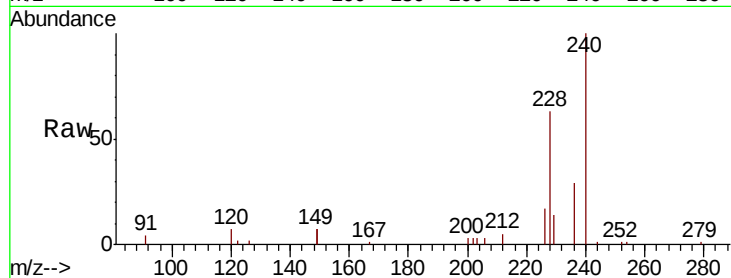
Tot Ion:240 Resp: 8396

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

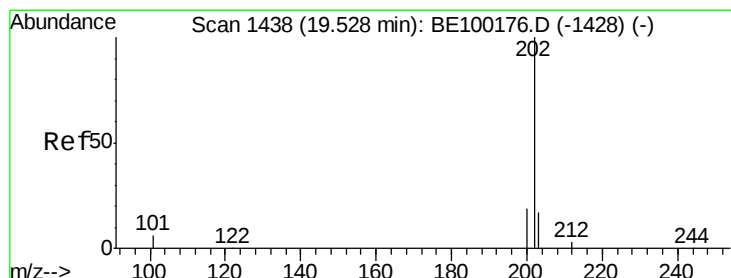
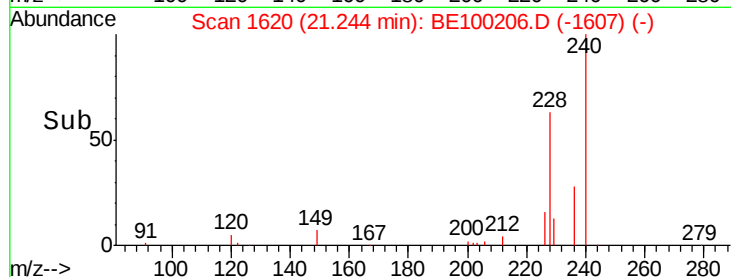
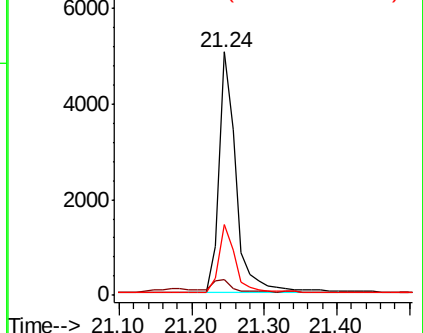
236 29.2 23.0 34.6



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: 0.465 ng

RT: 19.49 min Scan# 1432

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

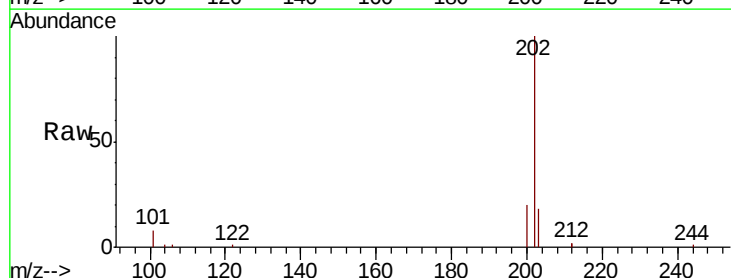
Tgt Ion:202 Resp: 9990

Ion Ratio Lower Upper

202 100

200 19.1 15.5 23.3

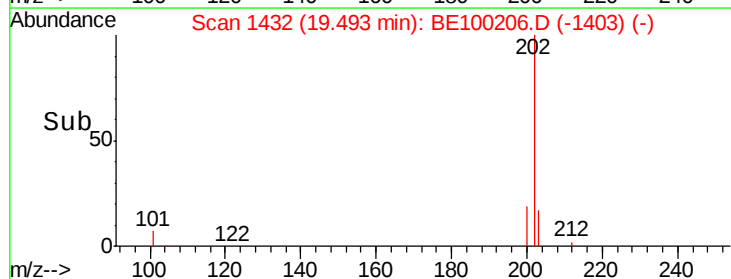
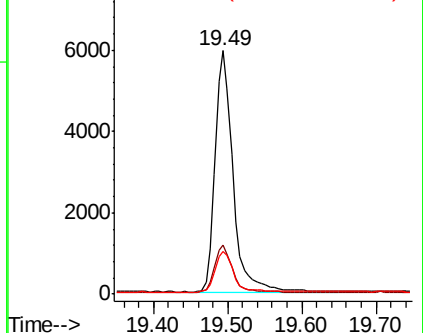
203 17.4 13.9 20.9

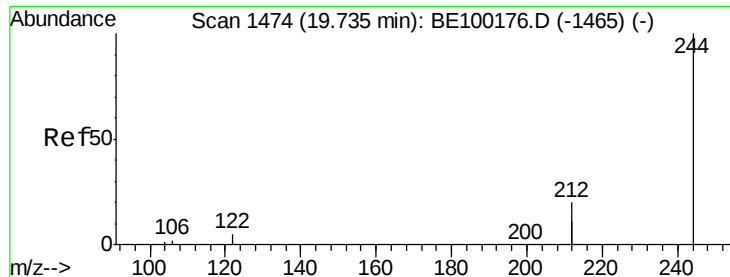


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.444 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

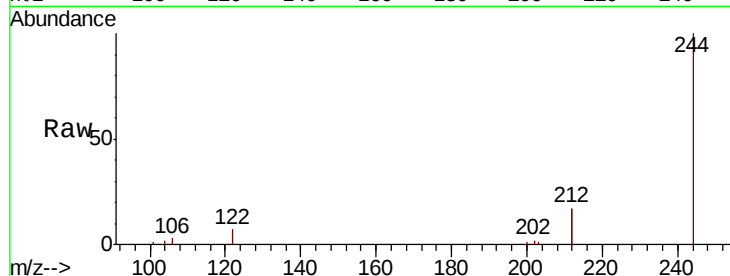
Tot Ion:244 Resp: 7324

Ion Ratio Lower Upper

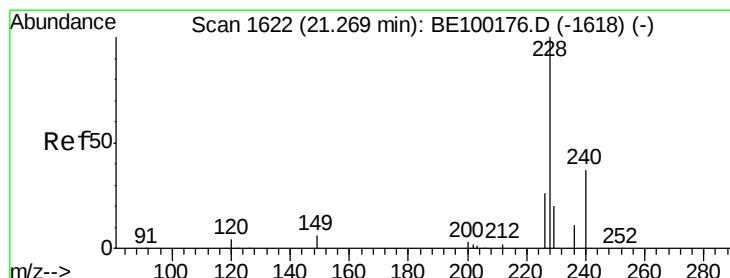
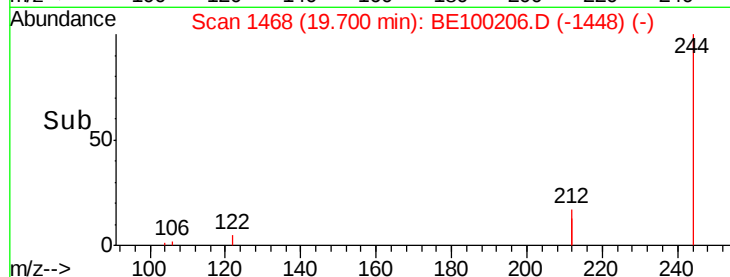
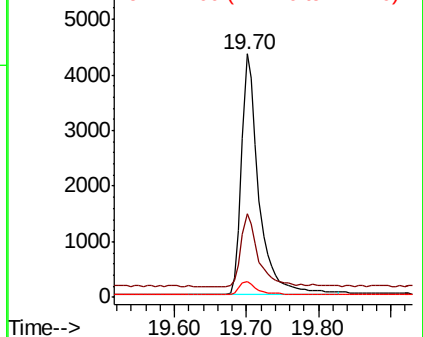
244 100

212 34.3 30.7 46.1

122 6.5 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: 0.444 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

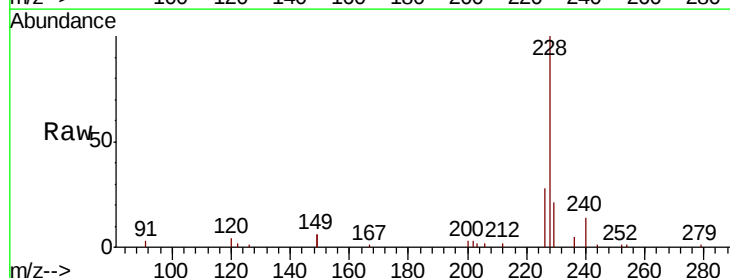
Tgt Ion:228 Resp: 11001

Ion Ratio Lower Upper

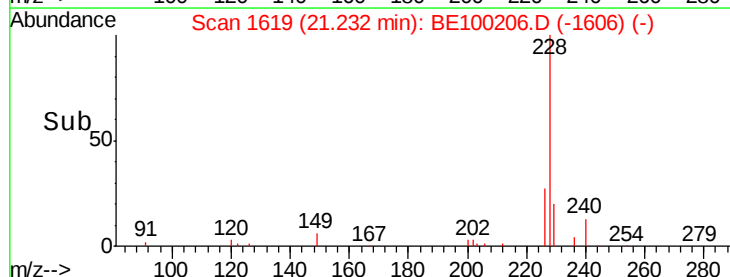
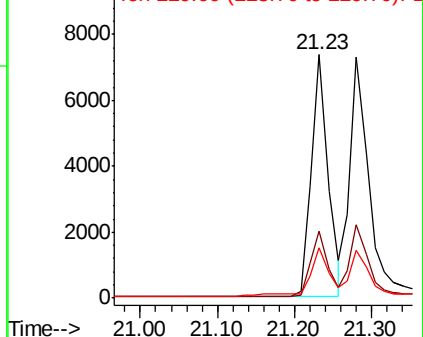
228 100

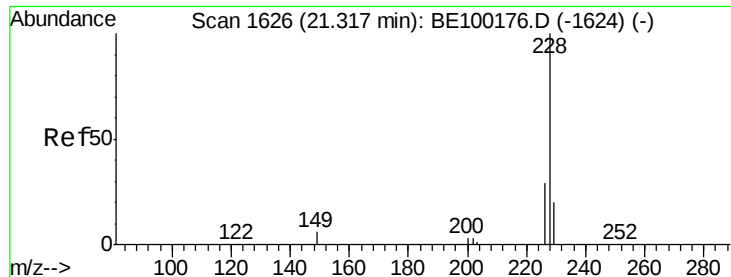
226 27.7 21.5 32.3

229 20.5 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: 0.402 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.04 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

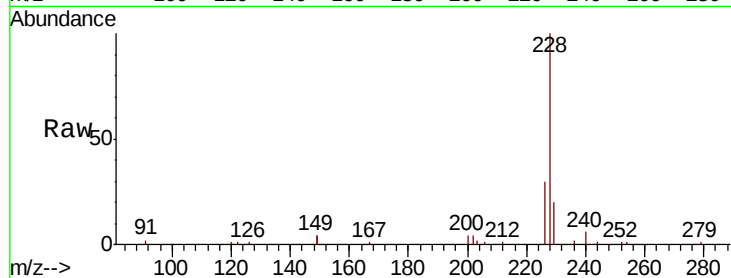
Tot Ion:228 Resp: 11668

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

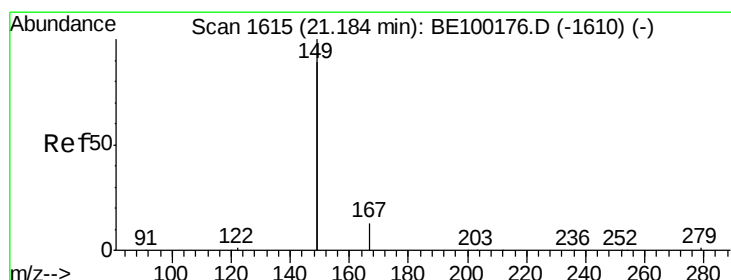
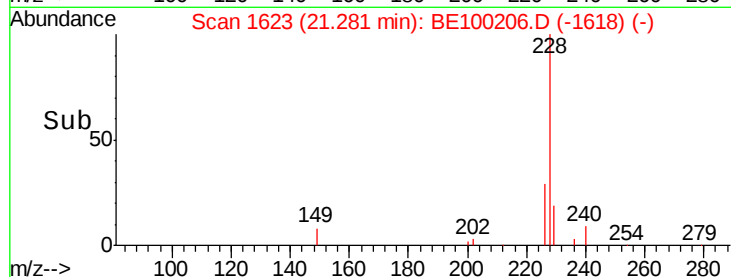
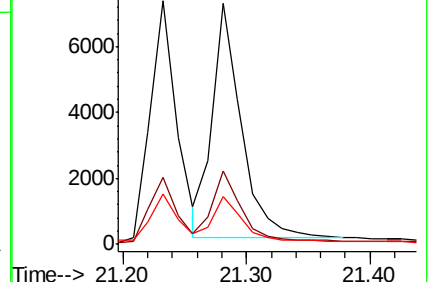
229 19.7 16.5 24.7



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: 0.600 ng

RT: 21.16 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

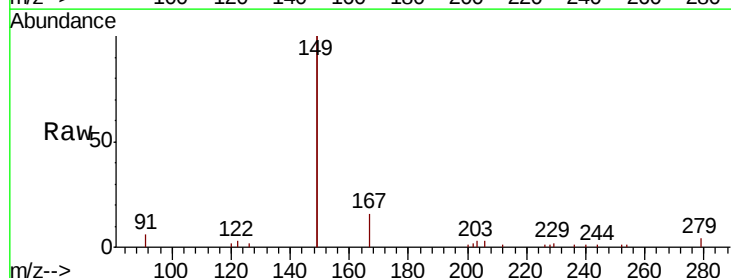
Tgt Ion:149 Resp: 17070

Ion Ratio Lower Upper

149 100

167 6.6 5.9 8.9

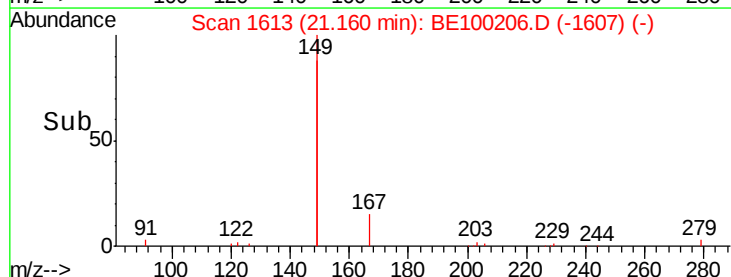
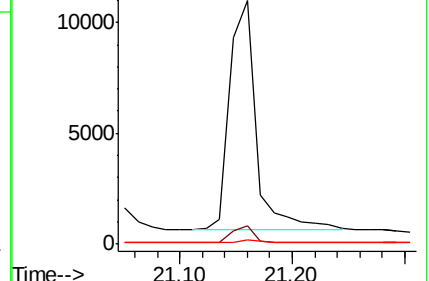
279 1.3 1.0 1.6

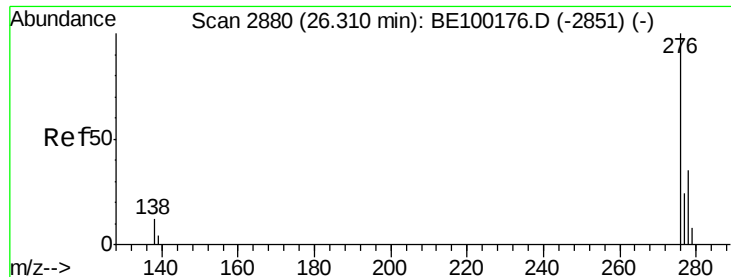


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

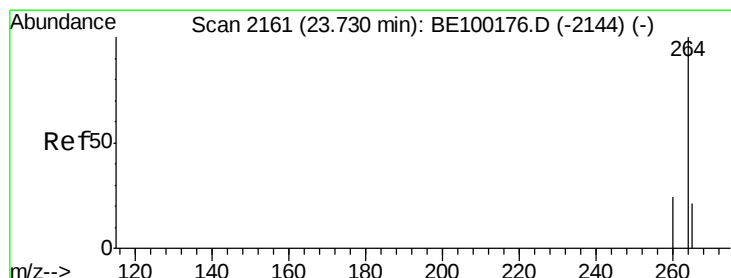
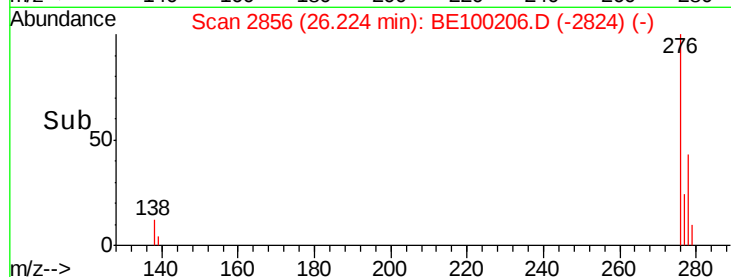
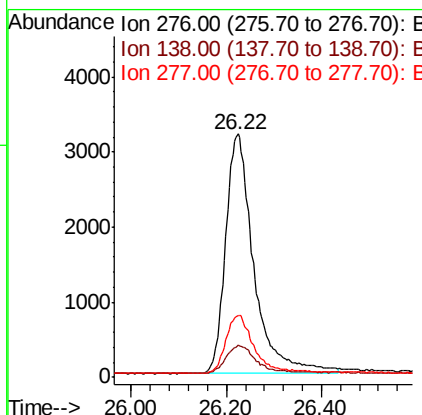
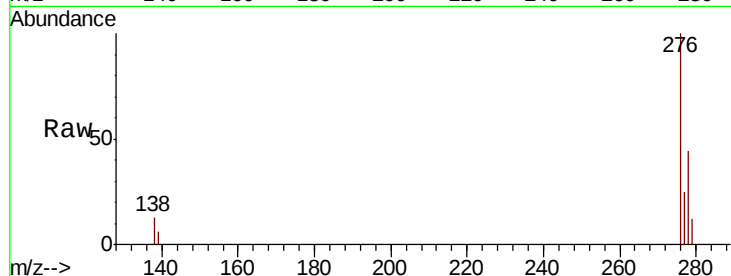




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.319 ng
 RT: 26.22 min Scan# 2856
 Delta R.T. -0.09 min
 Lab File: BE100206.D
 Acq: 27 Jun 2019 16:03

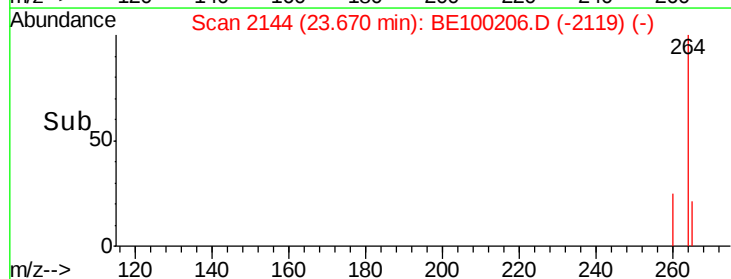
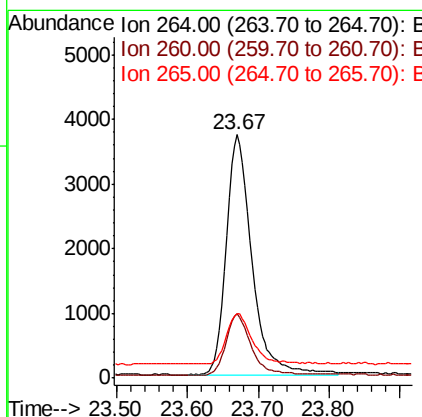
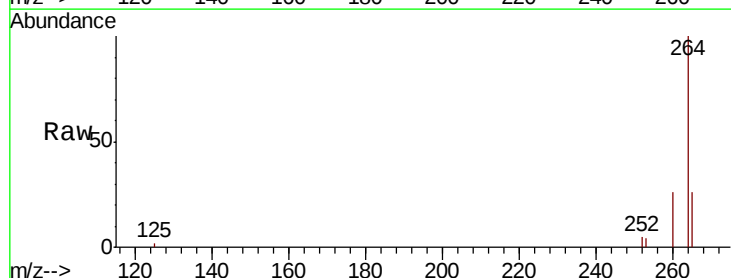
Instrument :
 BNA_E
 ClientSampleId :

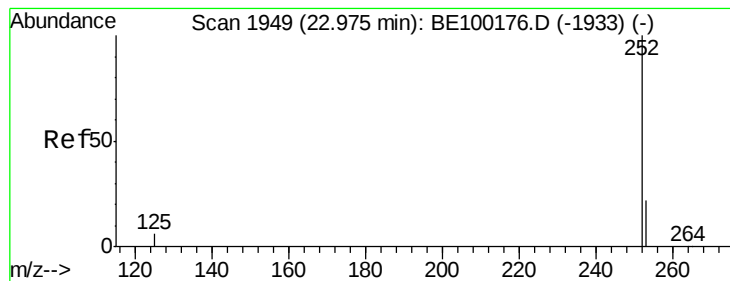
Tot Ion:276 Resp: 13165
 Ion Ratio Lower Upper
 276 100
 138 12.3 3.7 5.5#
 277 23.5 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. -0.06 min
 Lab File: BE100206.D
 Acq: 27 Jun 2019 16:03

Tgt Ion:264 Resp: 9251
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.4 30.6
 265 26.4 22.5 33.7





#35

Benzo(b)fluoranthene

Concen: 0.424 ng

RT: 22.92 min Scan# 1935

Delta R.T. -0.05 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

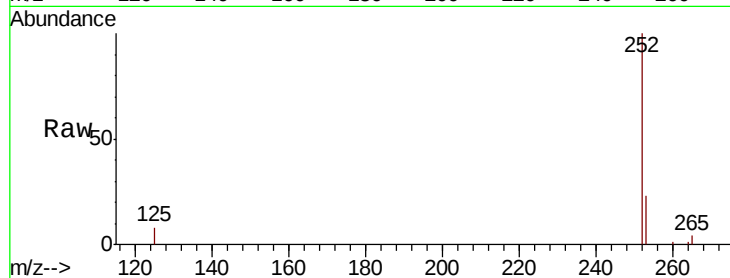
Tot Ion:252 Resp: 10539

Ion Ratio Lower Upper

252 100

253 22.9 19.0 28.4

125 7.7 6.3 9.5

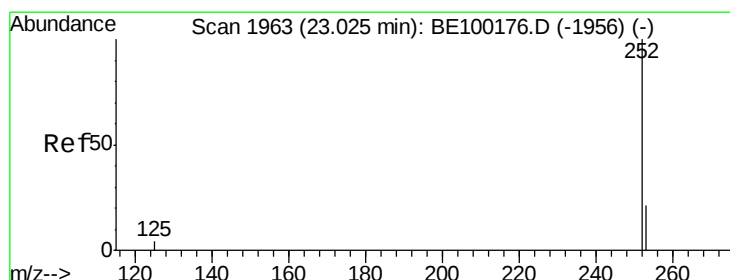
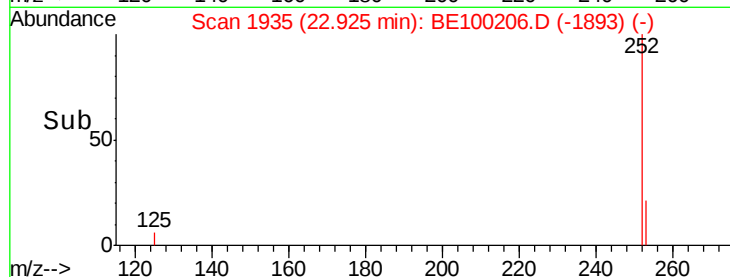
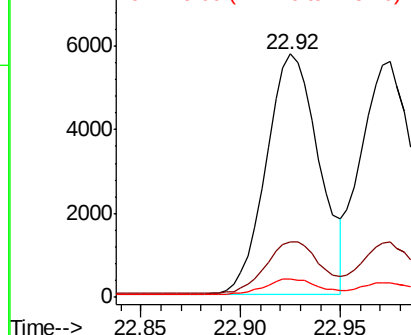


Abundance

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: 0.391 ng

RT: 22.97 min Scan# 1949

Delta R.T. -0.05 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

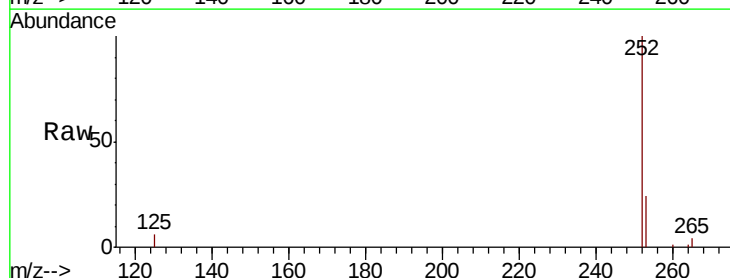
Tgt Ion:252 Resp: 11635

Ion Ratio Lower Upper

252 100

253 23.6 18.4 27.6

125 6.2 5.0 7.4

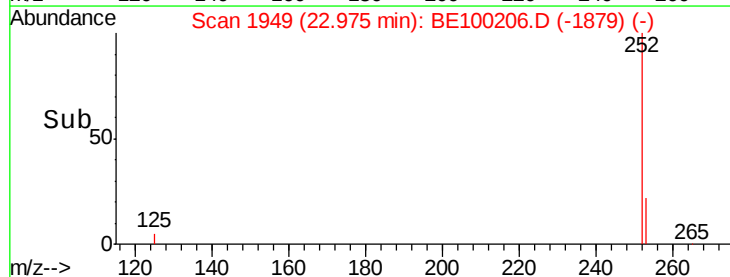
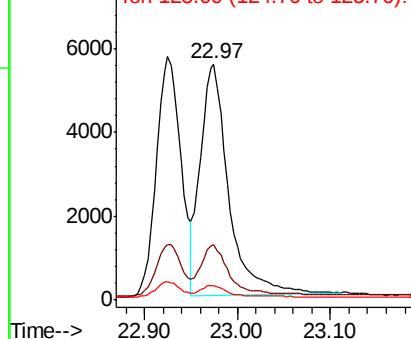


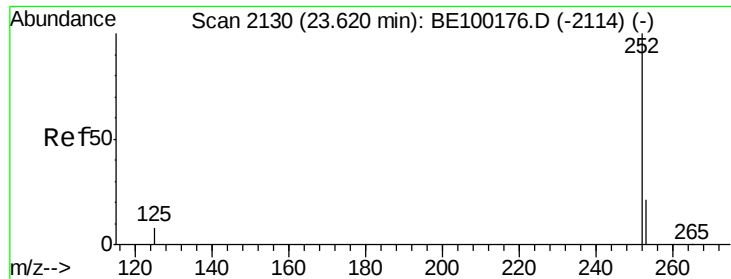
Abundance

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: 0.403 ng

RT: 23.56 min Scan# 2113

Delta R.T. -0.06 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :

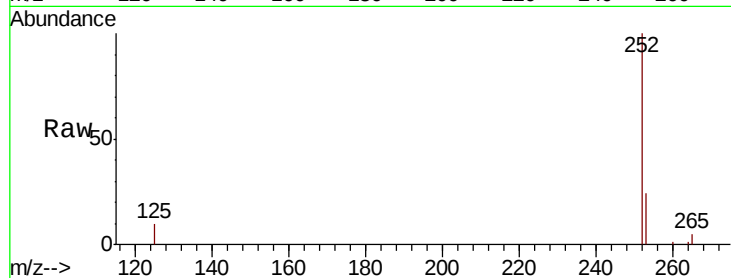
Tot Ion:252 Resp: 10400

Ion Ratio Lower Upper

252 100

253 24.4 19.2 28.8

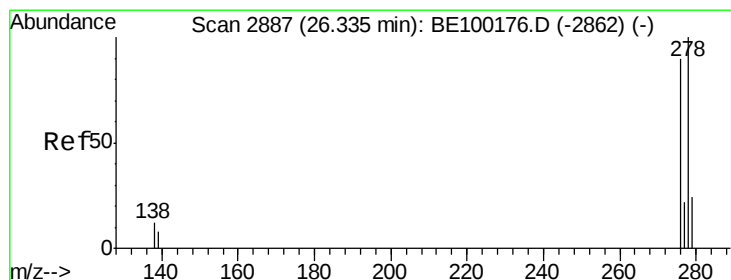
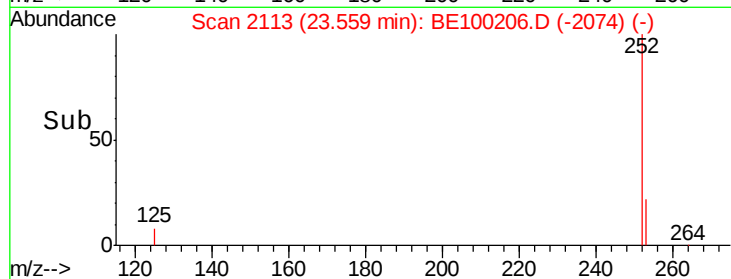
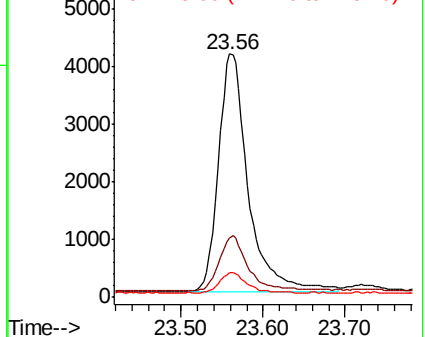
125 10.2 8.2 12.2



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: 0.359 ng

RT: 26.25 min Scan# 2863

Delta R.T. -0.09 min

Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

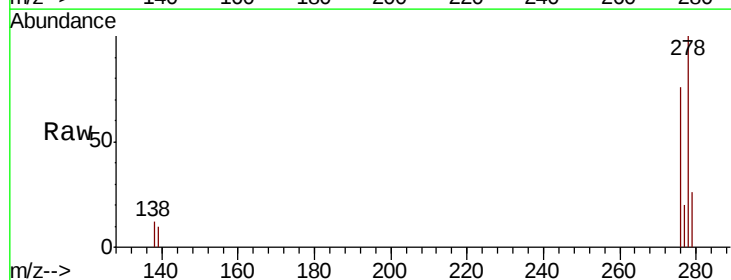
Tgt Ion:278 Resp: 9901

Ion Ratio Lower Upper

278 100

139 9.9 9.0 13.4

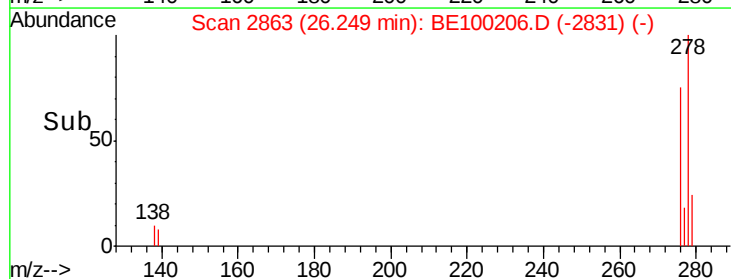
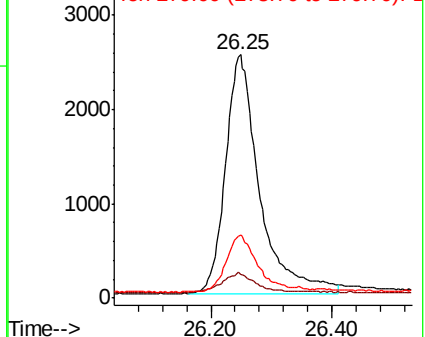
279 25.8 21.1 31.7

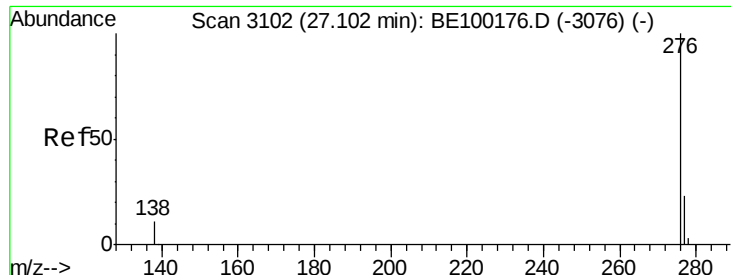


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.386 ng

RT: 27.00 min Scan# 3074

Delta R.T. -0.10 min

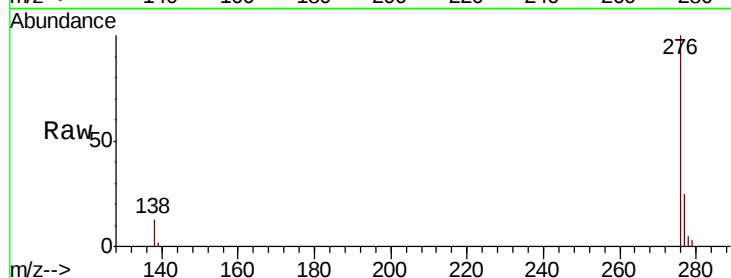
Lab File: BE100206.D

Acq: 27 Jun 2019 16:03

Instrument :

BNA_E

ClientSampleId :



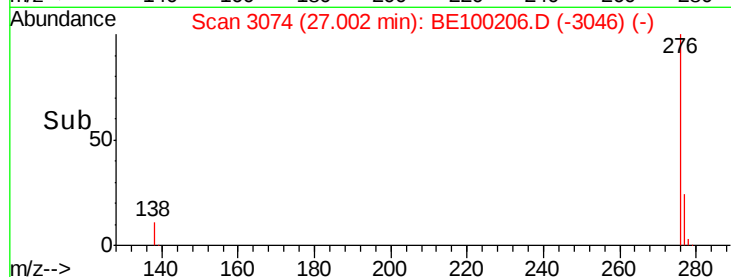
Tot Ion: 276 Resp: 11104

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.6

138 13.1 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

