

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100178.D
 Acq On : 25 Jun 2019 12:25
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 14:03:45 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 13:57:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	422	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	1377	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	1046	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	3020	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4857	0.40	ng	0.00
34) Perylene-d12	23.73	264	6411	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1582	1.59	ng	-0.01
5) Phenol-d6	6.84	99	2079	1.70	ng	-0.03
8) Nitrobenzene-d5	8.83	82	2360	1.82	ng	-0.01
11) 2-Methylnaphthalene-d10	12.06	152	4112	1.60	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	990	1.38	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	6631	1.65	ng	0.00
25) Fluoranthene-d10	19.13	212	70737	1.64	ng	0.00
29) Terphenyl-d14	19.74	244	14531	1.40	ng	0.00

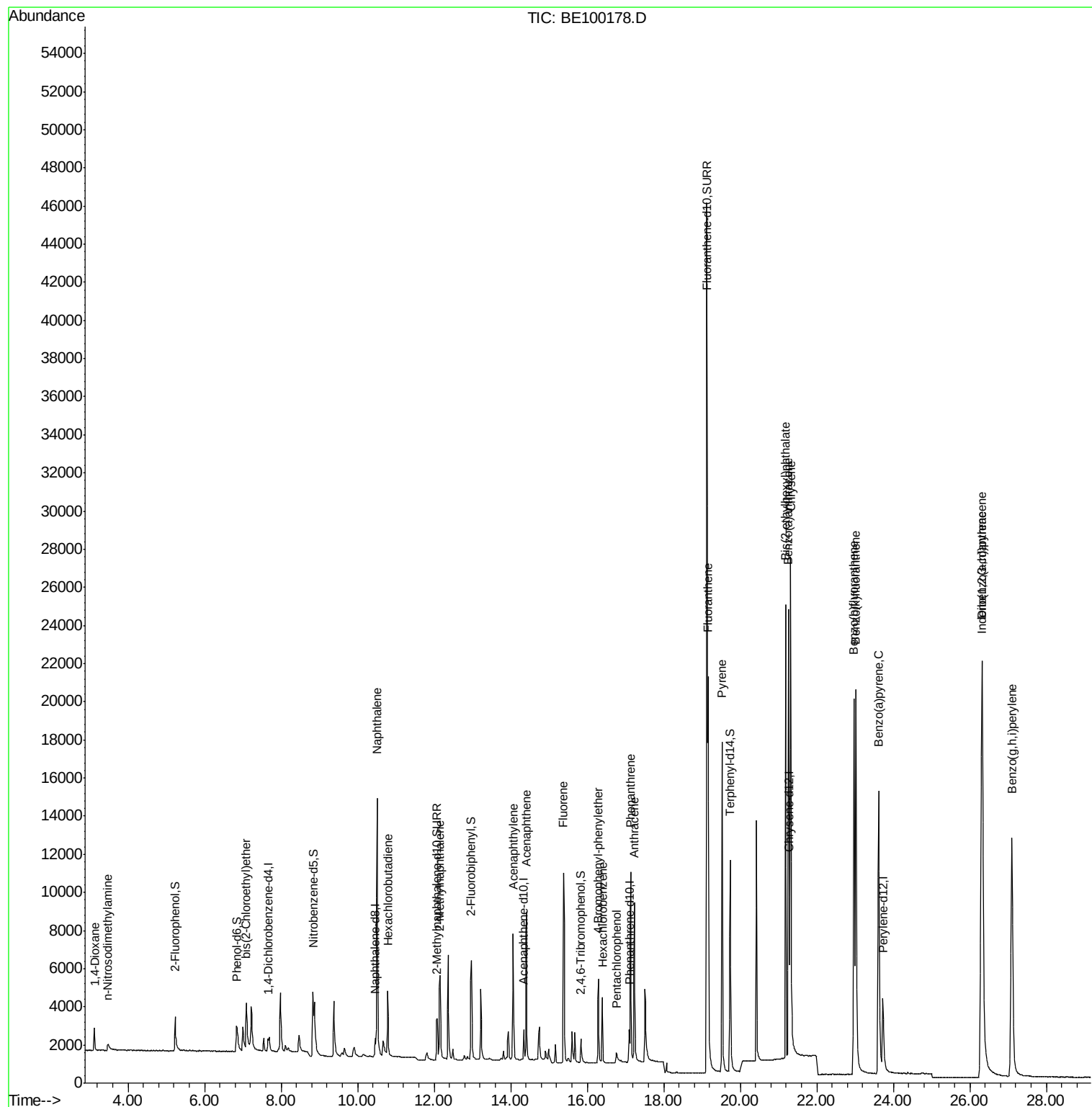
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1123	1.874	ng	98
3) n-Nitrosodimethylamine	3.46	42	487	1.968	ng	# 1
6) bis(2-Chloroethyl)ether	7.09	93	1976	1.738	ng	# 97
9) Naphthalene	10.51	128	24461	1.644	ng	# 96
10) Hexachlorobutadiene	10.78	225	2465	1.734	ng	98
12) 2-Methylnaphthalene	12.15	142	4034	1.637	ng	96
16) Acenaphthylene	14.07	152	7968	1.598	ng	98
17) Acenaphthene	14.41	154	4573	1.613	ng	99
18) Fluorene	15.38	166	6684	1.612	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	3039	1.615	ng	# 89
21) Hexachlorobenzene	16.40	284	3284	1.653	ng	99
22) Pentachlorophenol	16.76	266	774	1.336	ng	# 84
23) Phenanthrene	17.13	178	11814	1.672	ng	100
24) Anthracene	17.23	178	10631	1.689	ng	98
26) Fluoranthene	19.16	202	19357	1.703	ng	100
28) Pyrene	19.52	202	19293	1.412	ng	100
30) Benzo(a)anthracene	21.26	228	24877	1.688	ng	97
31) Chrysene	21.32	228	26370	1.620	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	25295	1.038	ng	100
33) Indeno(1,2,3-cd)pyrene	26.30	276	40338	2.154	ng	# 94
35) Benzo(b)fluoranthene	22.97	252	28839	1.761	ng	# 96
36) Benzo(k)fluoranthene	23.02	252	33380	1.679	ng	97
37) Benzo(a)pyrene	23.61	252	29358	1.725	ng	# 94
38) Dibenzo(a,h)anthracene	26.33	278	32493	1.898	ng	# 93
39) Benzo(g,h,i)perylene	27.09	276	33463	1.868	ng	97

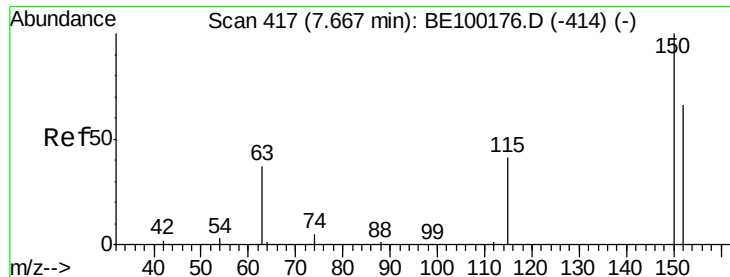
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
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Quant Time: Jun 25 14:03:45 2019
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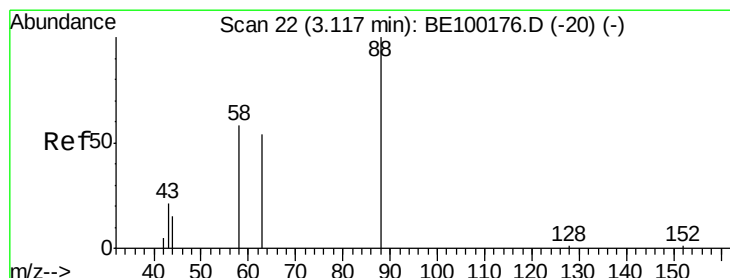
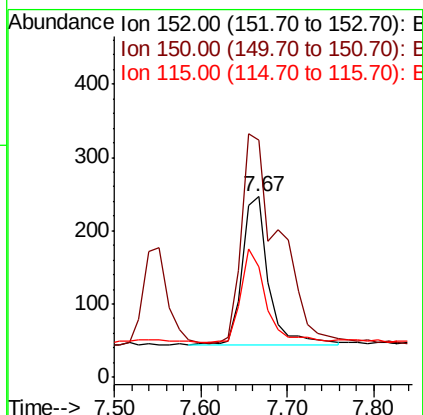
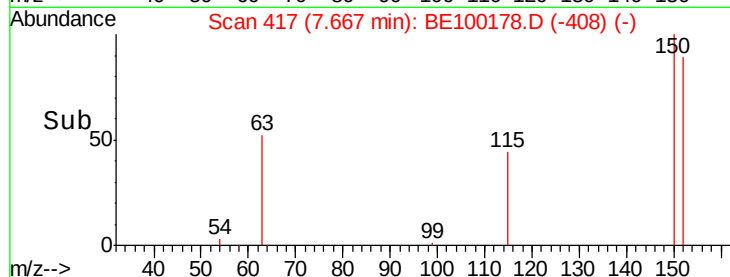
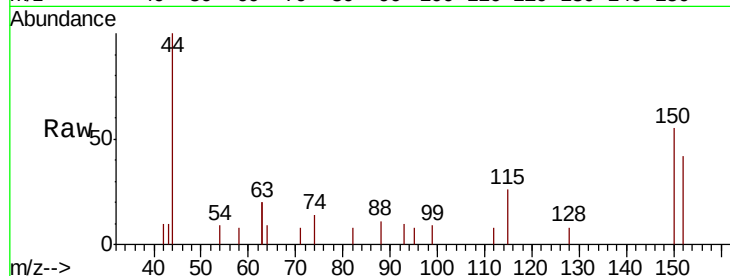


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

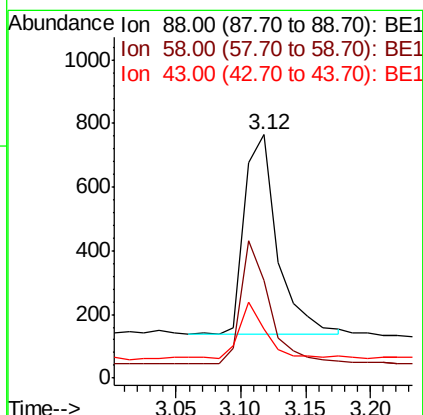
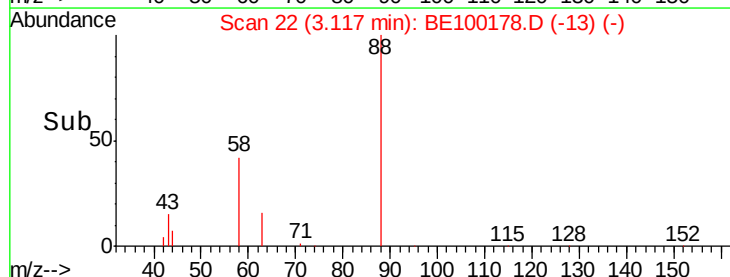
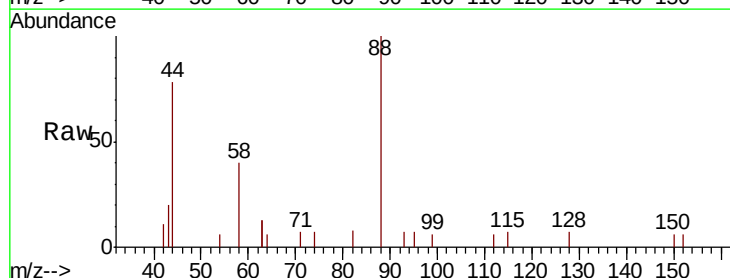
Tot Ion:152 Resp: 422
Ion Ratio Lower Upper
152 100
150 131.3 113.4 170.2
115 61.4 55.8 83.6

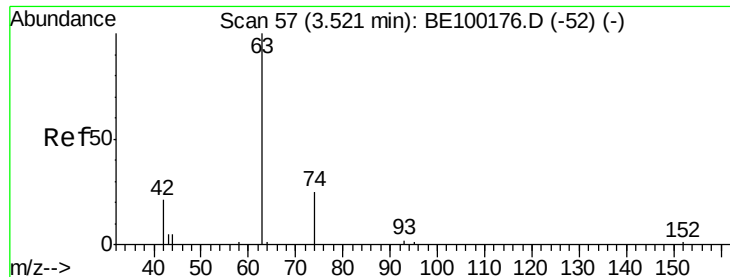


#2

1,4-Dioxane
Concen: 1.874 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion: 88 Resp: 1123
Ion Ratio Lower Upper
88 100
58 53.3 43.8 65.6
43 22.7 19.4 29.2



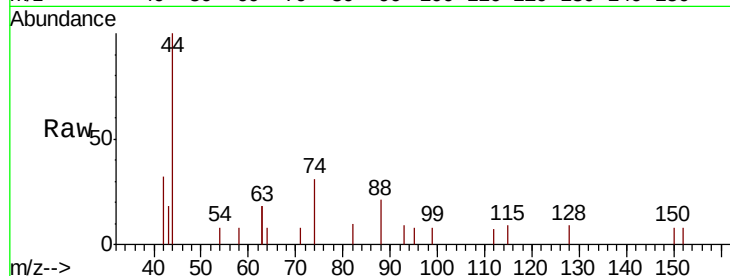


#3

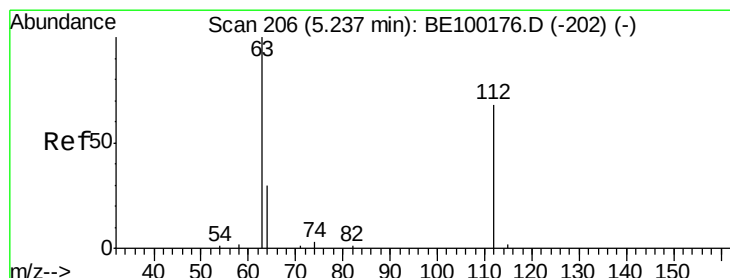
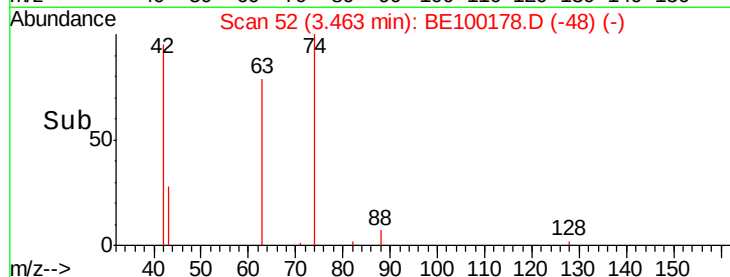
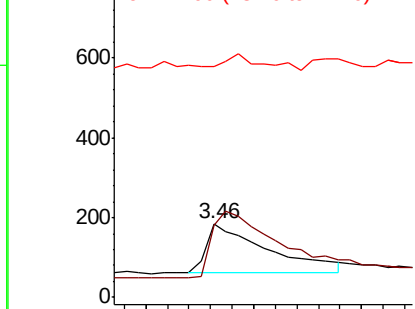
n-Nitrosodimethylamine
 Concen: 1.968 ng
 RT: 3.46 min Scan# 52
 Delta R.T. -0.06 min
 Lab File: BE100178.D
 Acq: 25 Jun 2019 12:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	0.0	114.5	171.7#



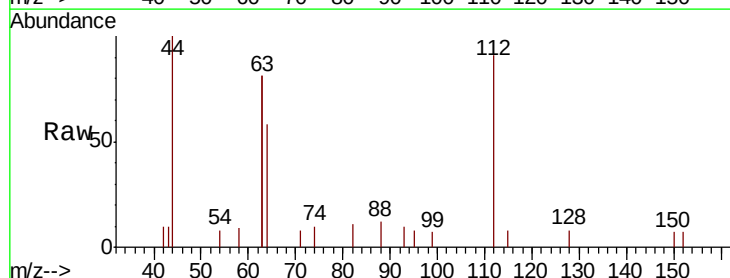
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



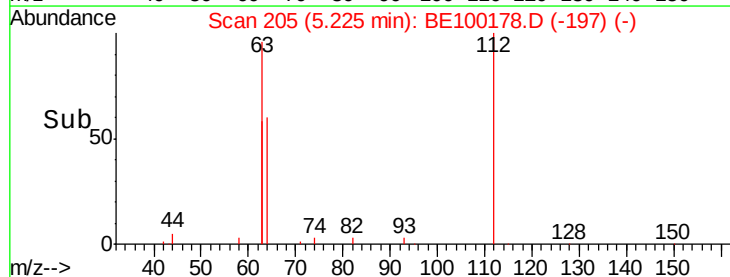
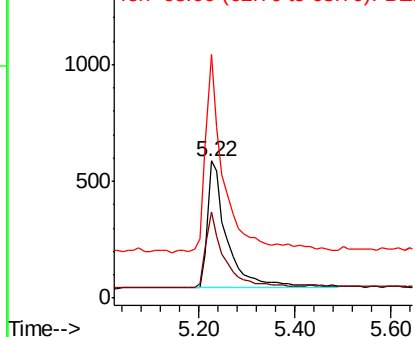
#4

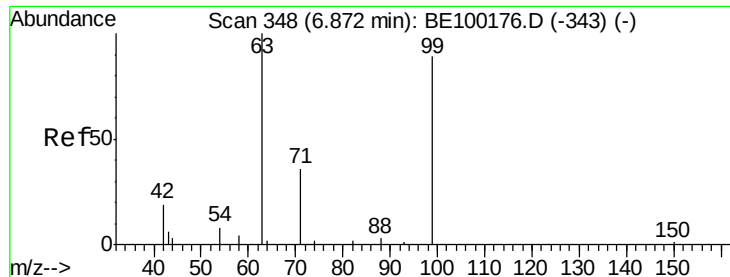
2-Fluorophenol
 Concen: 1.593 ng
 RT: 5.22 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: BE100178.D
 Acq: 25 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	40.7	61.1
63	130.6	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: 1.705 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.03 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampled :

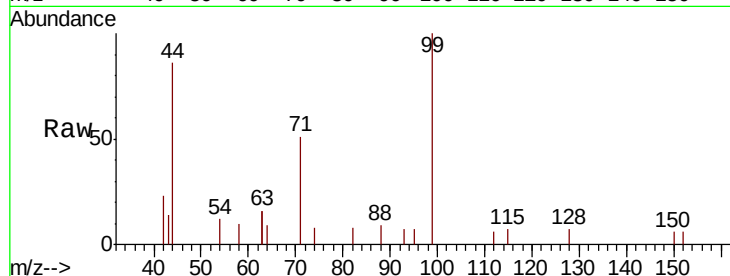
Tot Ion: 99 Resp: 2079

Ion Ratio Lower Upper

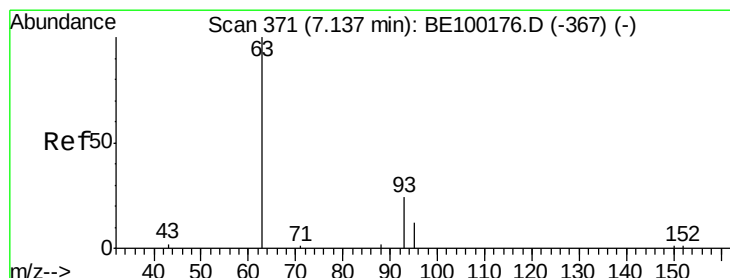
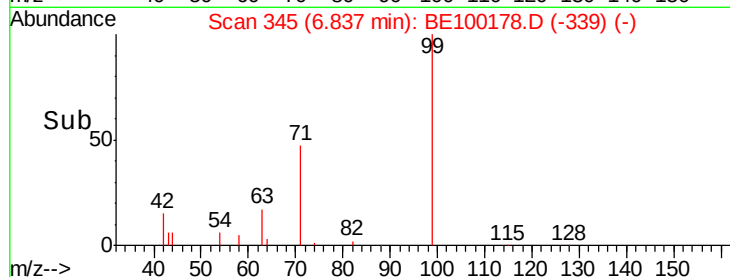
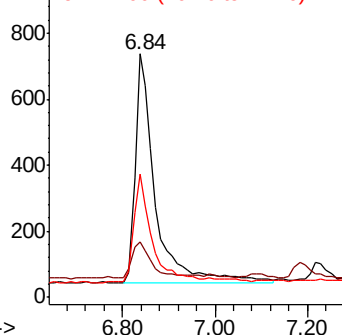
99 100

42 15.5 10.4 15.6

71 43.3 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



#6

bis(2-Chloroethyl)ether

Concen: 1.738 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.05 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

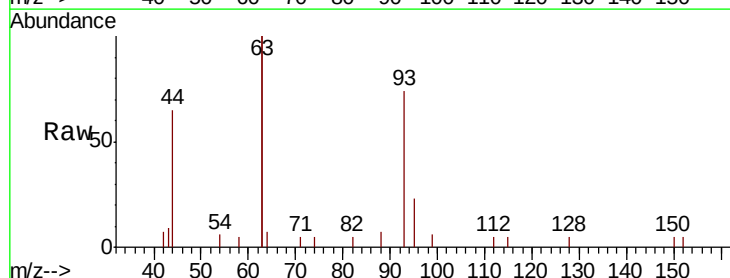
Tgt Ion: 93 Resp: 1976

Ion Ratio Lower Upper

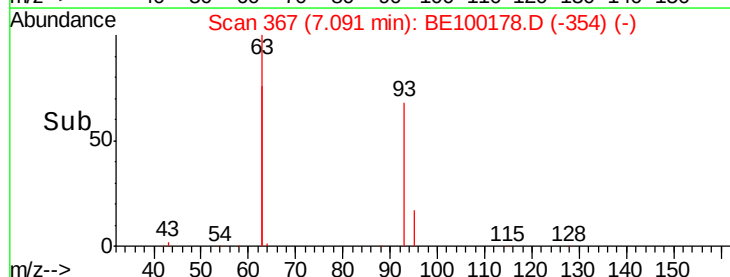
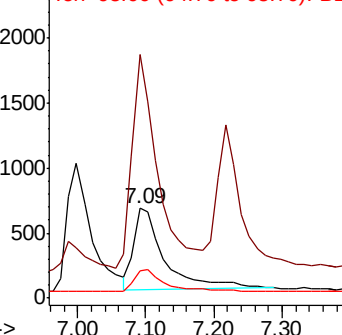
93 100

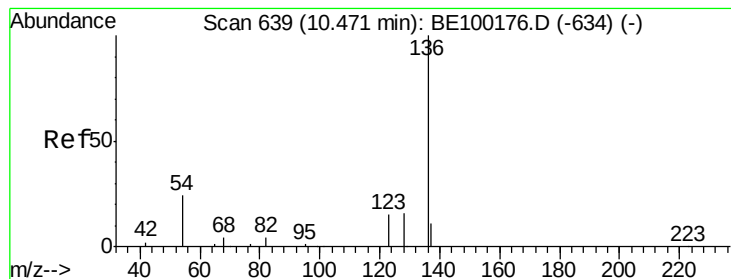
63 215.4 0.0 0.0#

95 28.1 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1377

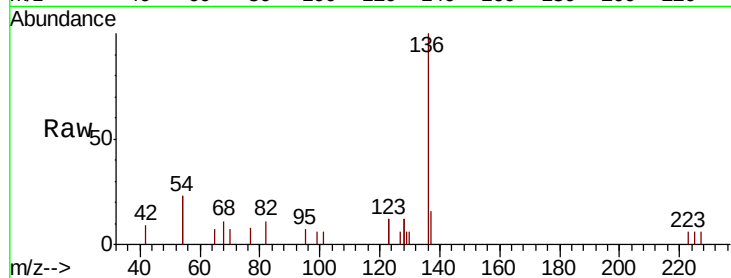
Ion Ratio Lower Upper

136 100

137 15.9 13.8 20.8

54 46.3 35.4 53.2

68 10.9 8.8 13.2

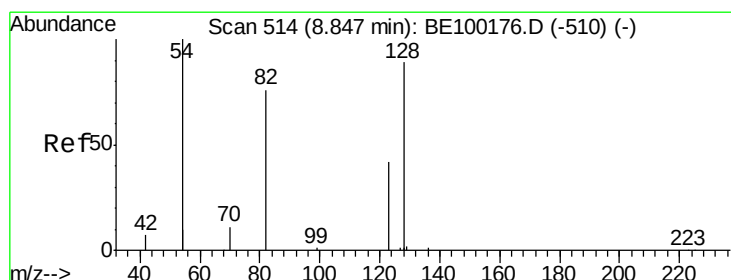
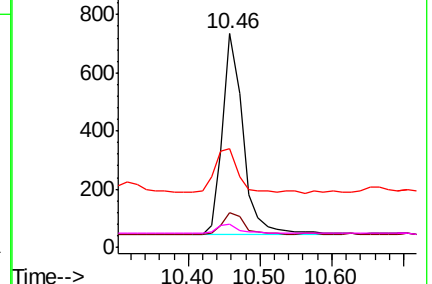
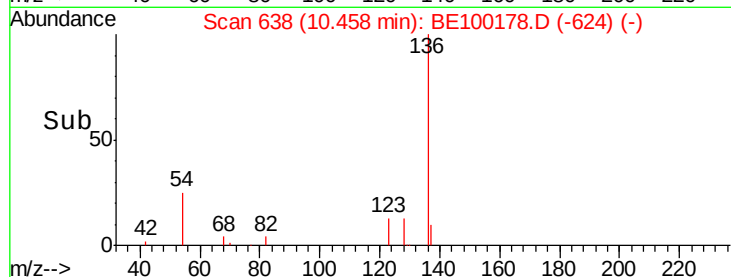


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.816 ng

RT: 8.83 min Scan# 513

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

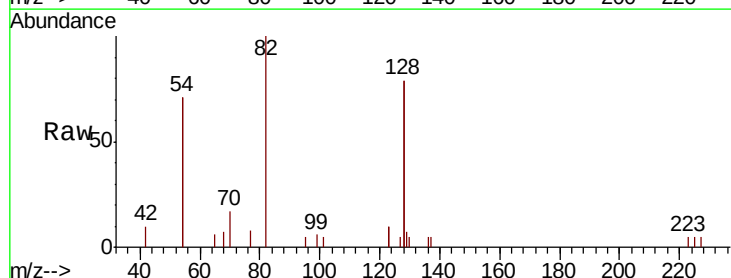
Tgt Ion: 82 Resp: 2360

Ion Ratio Lower Upper

82 100

128 157.6 144.6 217.0

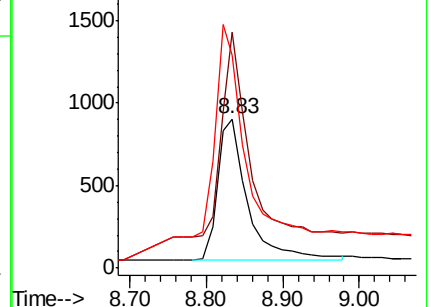
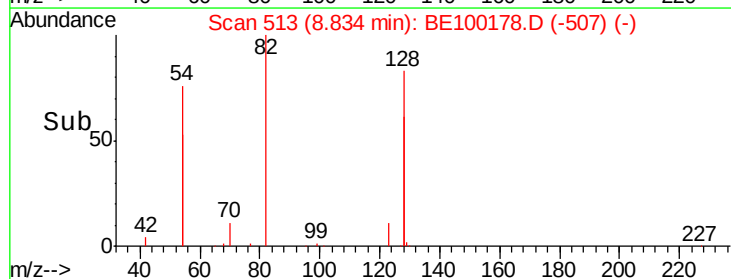
54 142.8 163.0 244.6#

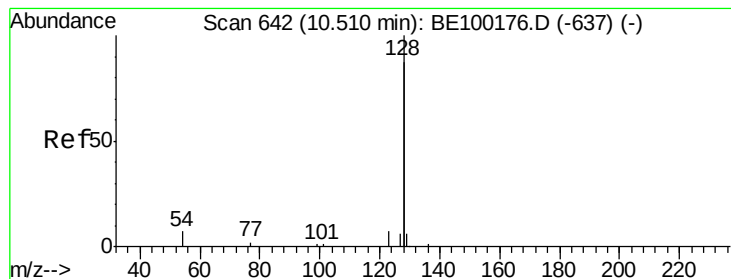


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.644 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

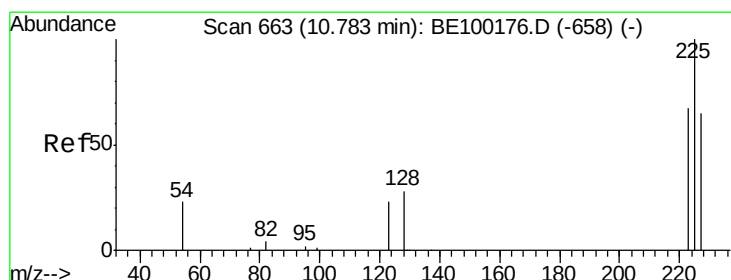
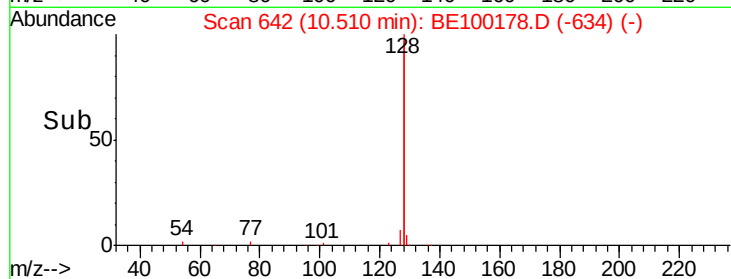
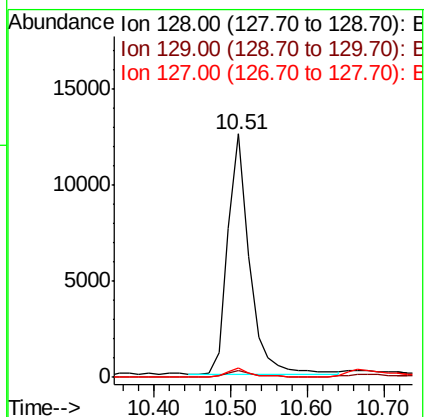
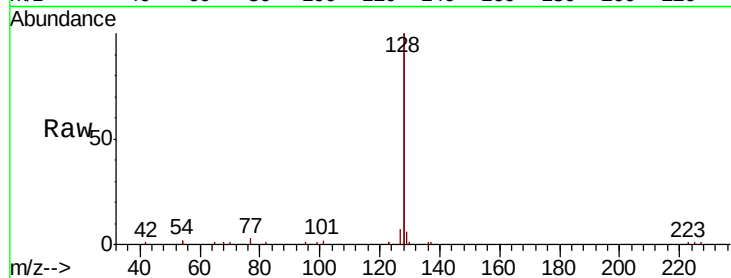
Tot Ion:128 Resp: 24461

Ion Ratio Lower Upper

128 100

129 3.0 3.6 5.4#

127 3.7 3.8 5.8#



#10

Hexachlorobutadiene

Concen: 1.734 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

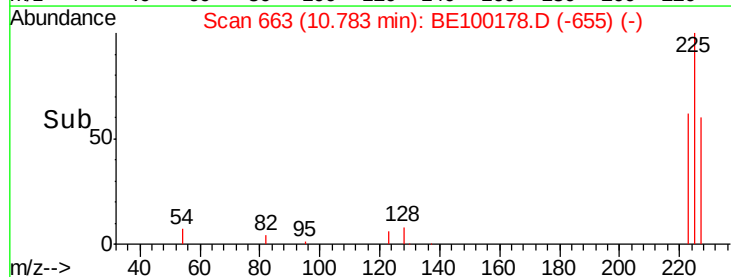
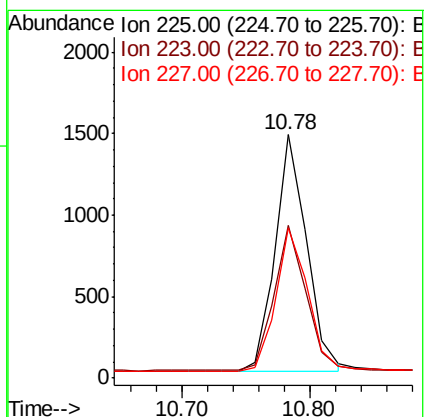
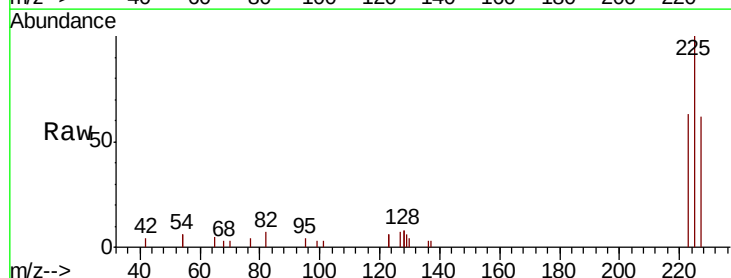
Tgt Ion:225 Resp: 2465

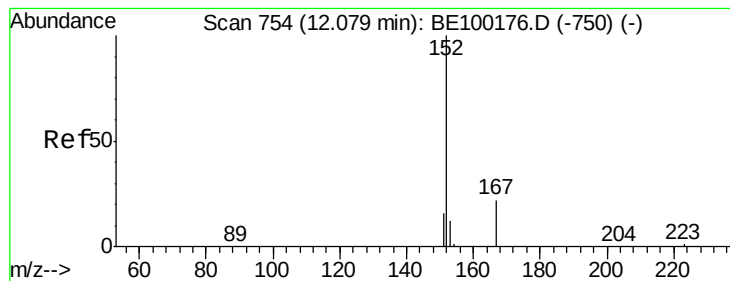
Ion Ratio Lower Upper

225 100

223 62.4 50.1 75.1

227 61.2 50.9 76.3





#11

2-Methylnaphthalene-d10

Concen: 1.599 ng

RT: 12.06 min Scan# 753

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

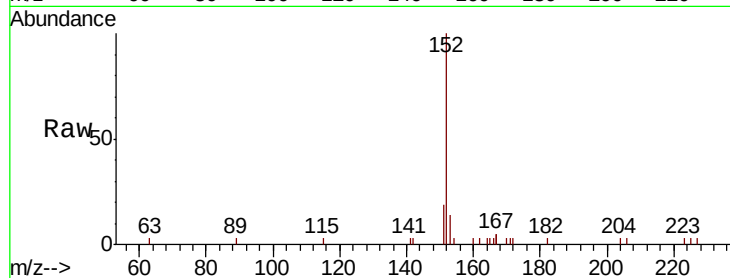
ClientSampleId :

Tot Ion:152 Resp: 4112

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.06

1500

1000

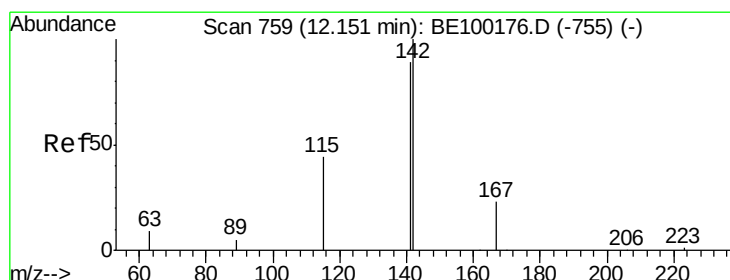
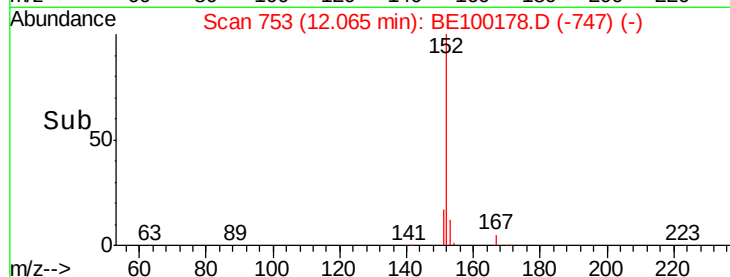
500

0

Time-->

12.00

12.20



#12

2-Methylnaphthalene

Concen: 1.637 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

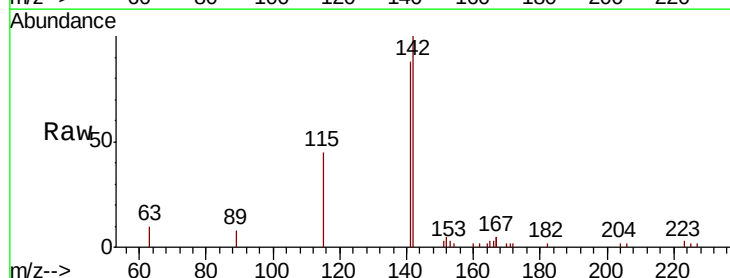
Tgt Ion:142 Resp: 4034

Ion Ratio Lower Upper

142 100

141 87.9 71.8 107.8

115 44.7 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

2500

2000

1500

1000

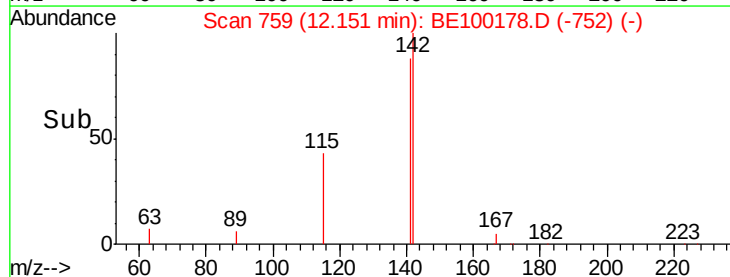
500

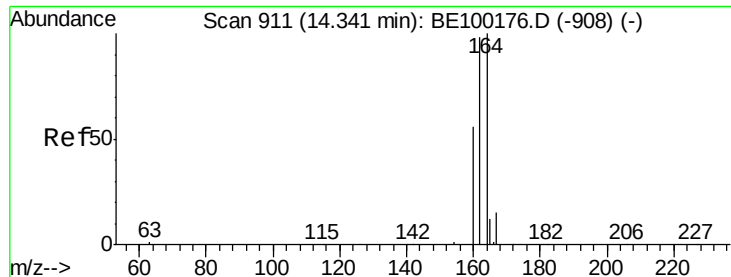
0

Time-->

12.10

12.20

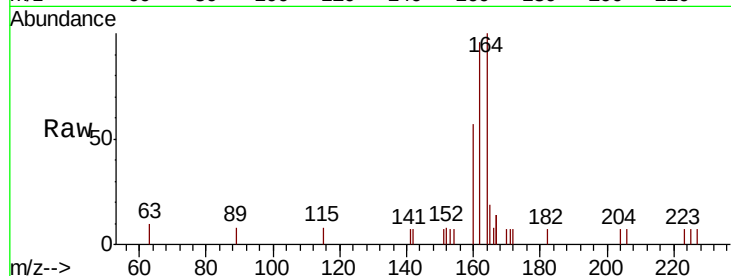




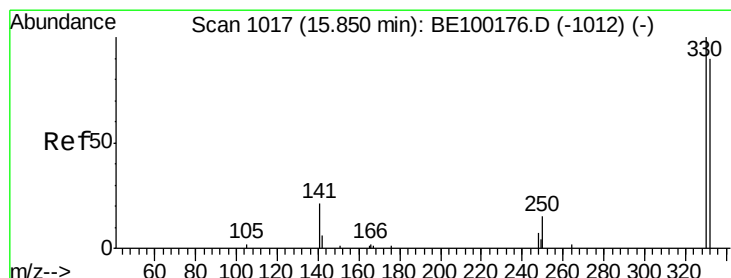
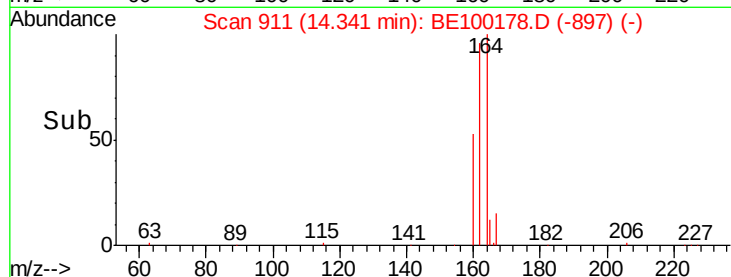
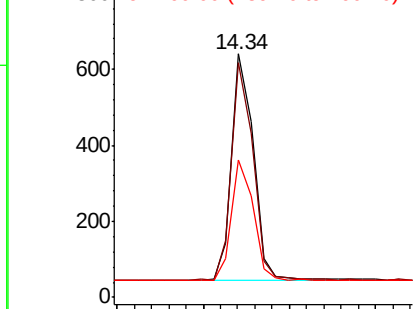
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1046
Ion Ratio Lower Upper
164 100
162 96.3 78.6 118.0
160 56.6 46.9 70.3

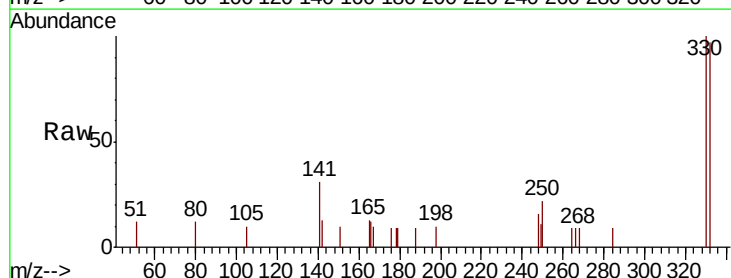


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

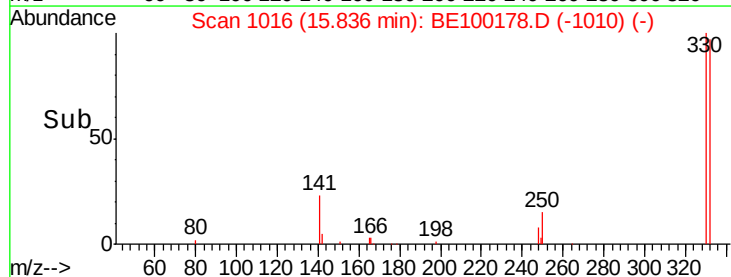
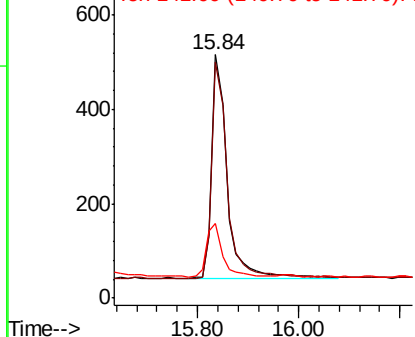


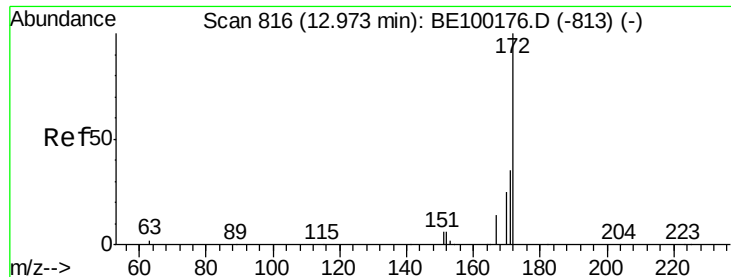
#14
2,4,6-Tribromophenol
Concen: 1.382 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:330 Resp: 990
Ion Ratio Lower Upper
330 100
332 98.3 77.7 116.5
141 26.2 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

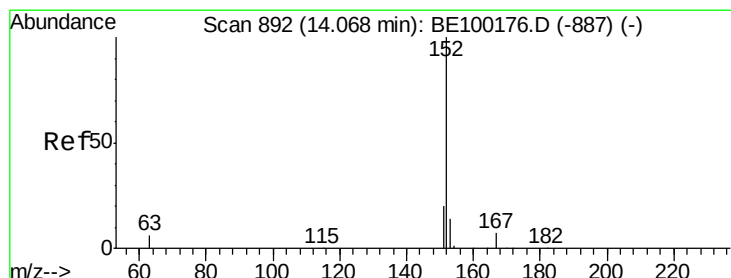
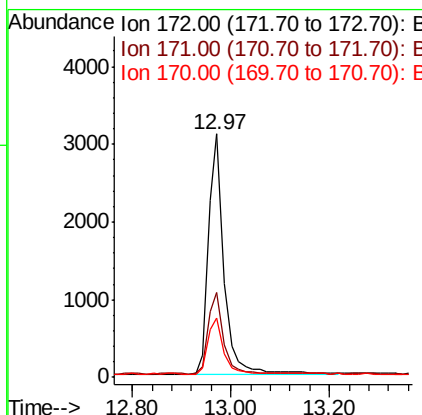
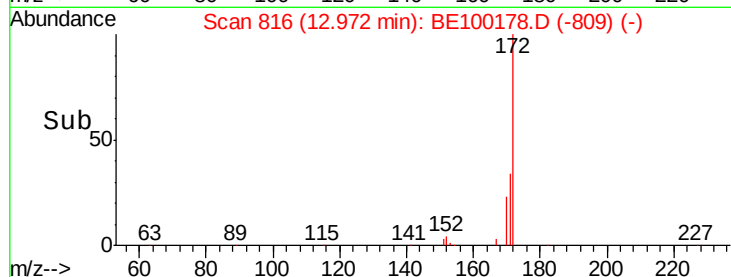
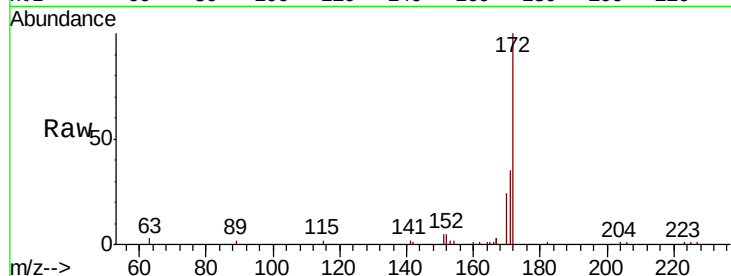




#15
2-Fluorobiphenyl
Concen: 1.648 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

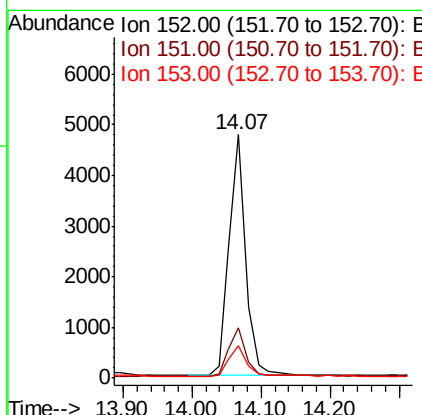
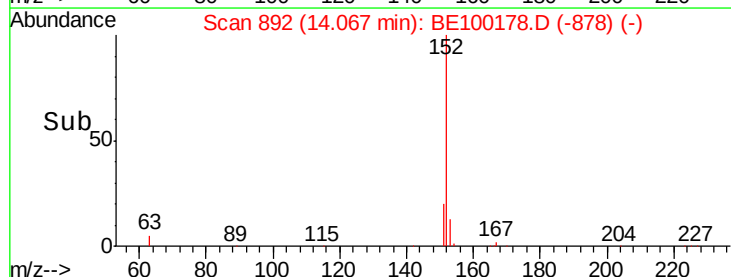
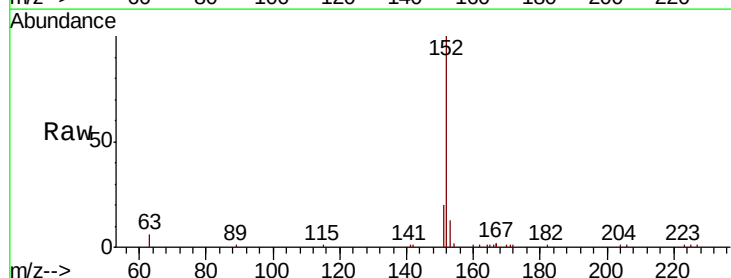
Instrument :
BNA_E
ClientSampleId :

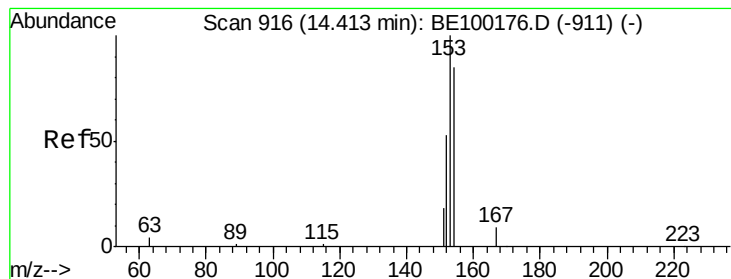
Tot Ion:172 Resp: 6631
Ion Ratio Lower Upper
172 100
171 34.7 31.0 46.4
170 24.4 23.9 35.9



#16
Acenaphthylene
Concen: 1.598 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:152 Resp: 7968
Ion Ratio Lower Upper
152 100
151 20.3 15.4 23.0
153 12.8 10.8 16.2





#17

Acenaphthene

Concen: 1.613 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

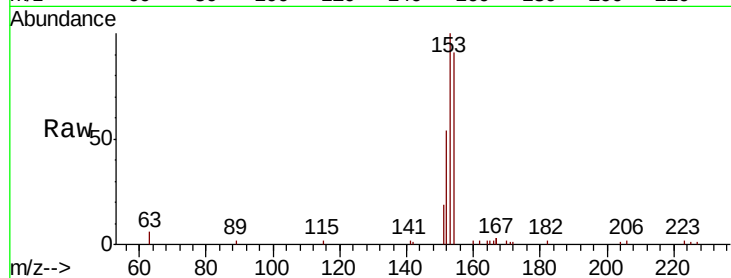
Tot Ion:154 Resp: 4573

Ion Ratio Lower Upper

154 100

153 118.6 95.3 142.9

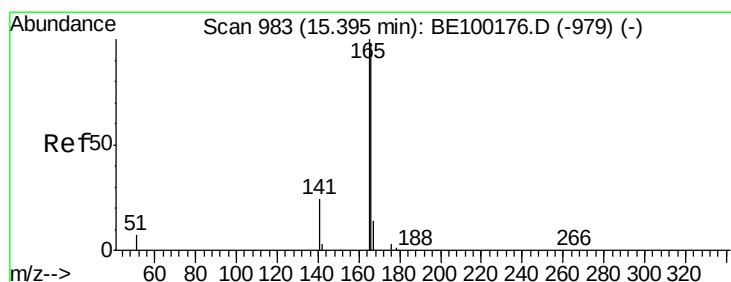
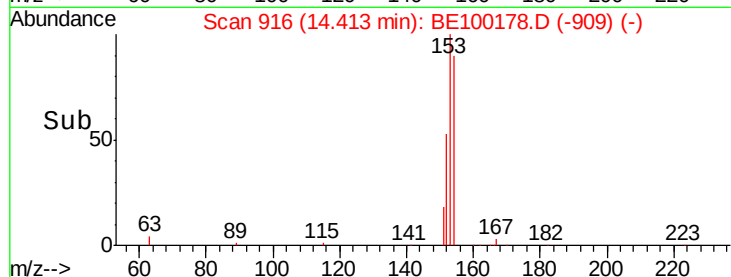
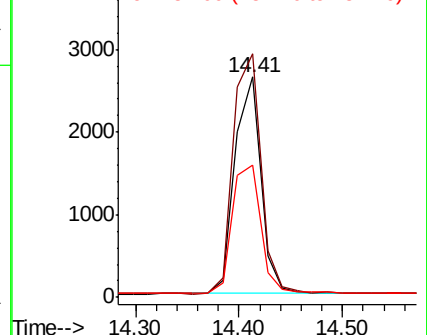
152 65.6 52.9 79.3



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: 1.612 ng

RT: 15.38 min Scan# 982

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

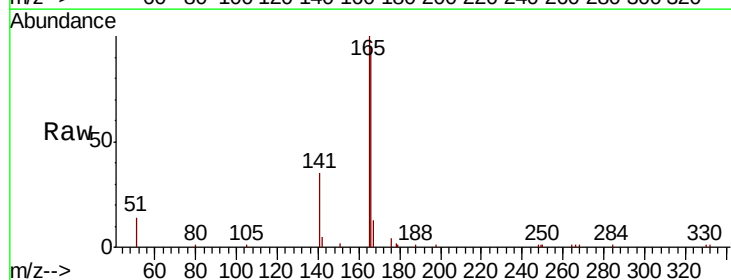
Tgt Ion:166 Resp: 6684

Ion Ratio Lower Upper

166 100

165 100.9 81.0 121.4

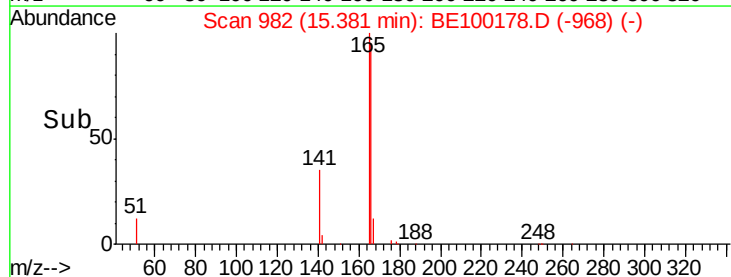
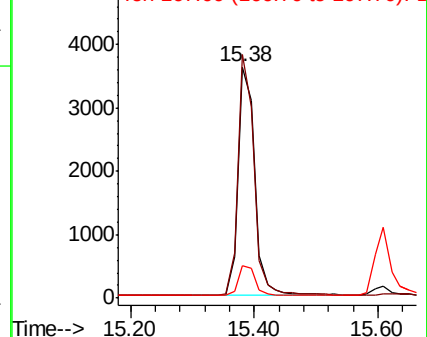
167 13.2 11.4 17.0

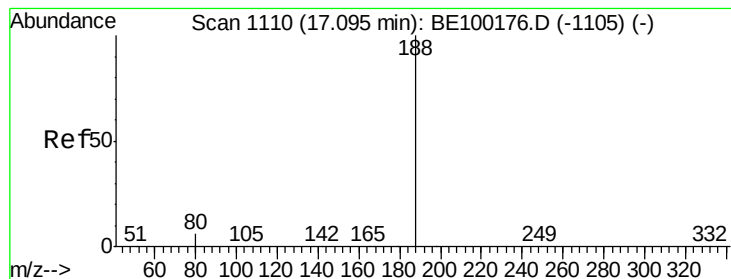


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

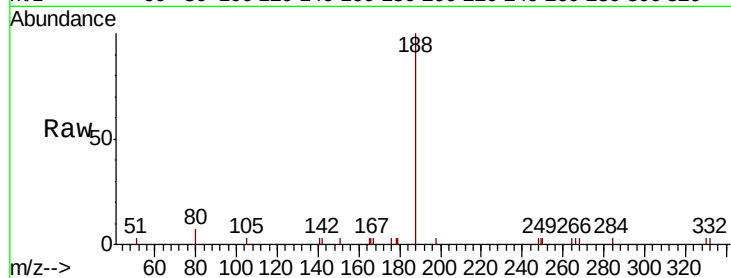
Tot Ion:188 Resp: 3020

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

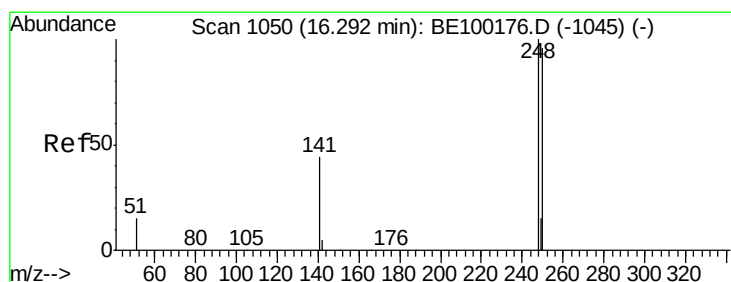
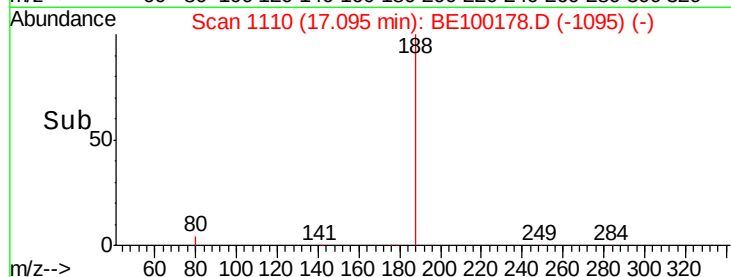
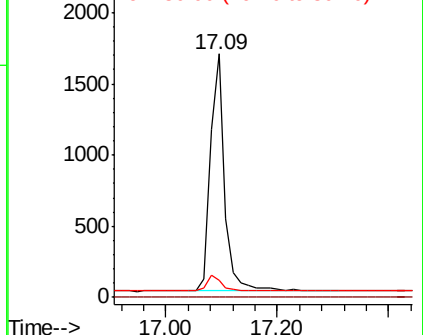
80 7.1 6.4 9.6



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: 1.615 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

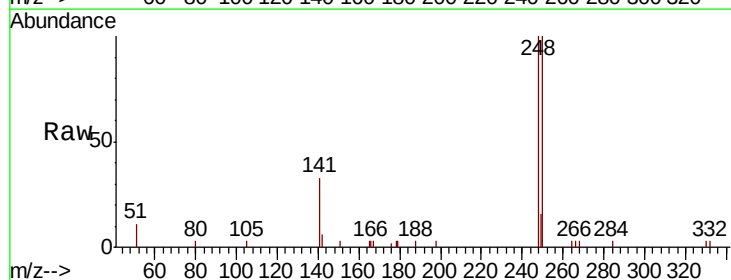
Tgt Ion:248 Resp: 3039

Ion Ratio Lower Upper

248 100

250 100.5 77.1 115.7

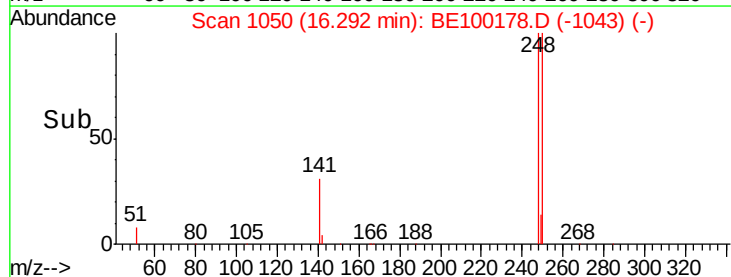
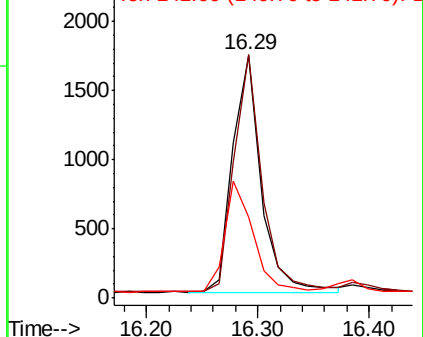
141 33.4 39.5 59.3#

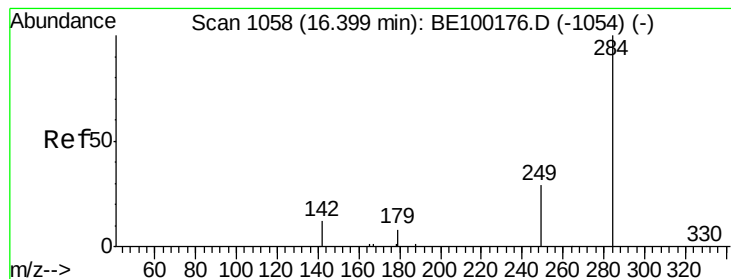


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.653 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

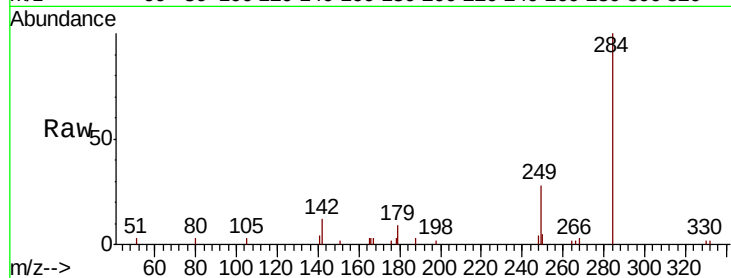
Tot Ion:284 Resp: 3284

Ion Ratio Lower Upper

284 100

142 24.4 20.1 30.1

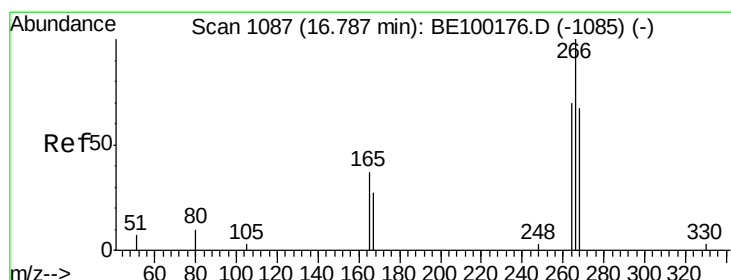
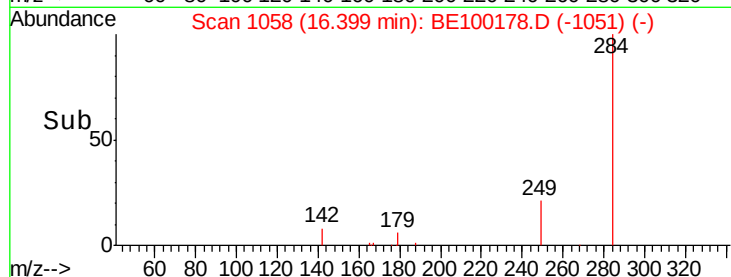
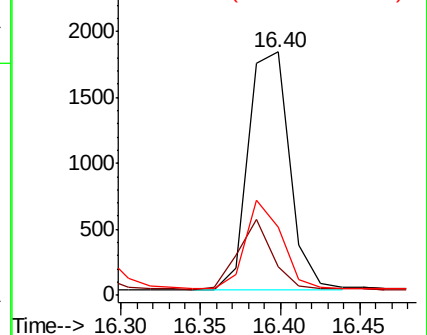
249 32.1 26.2 39.4



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: 1.336 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

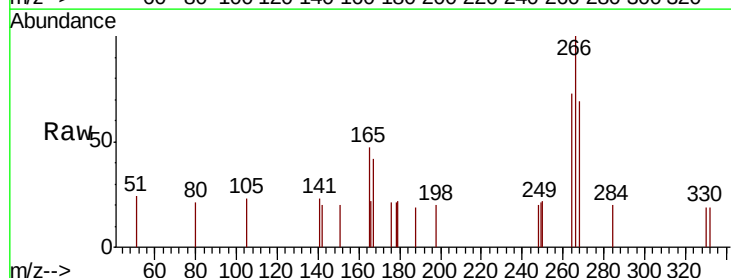
Tgt Ion:266 Resp: 774

Ion Ratio Lower Upper

266 100

264 73.0 67.7 101.5

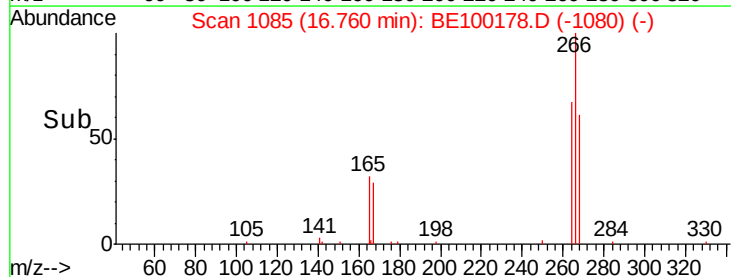
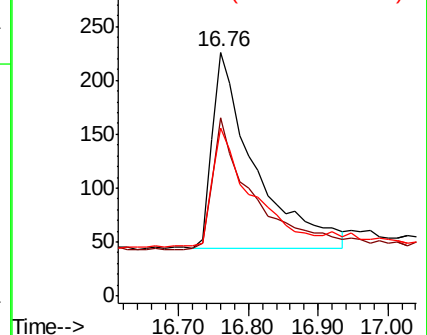
268 69.0 69.8 104.6#

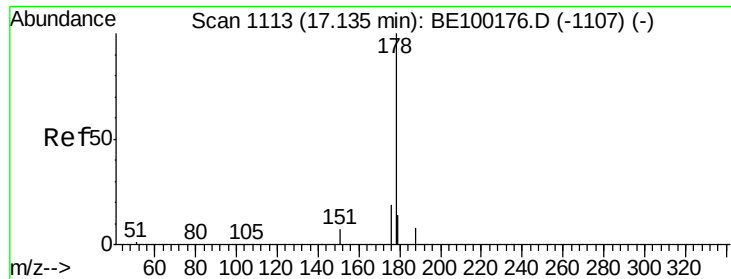


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.672 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampled :

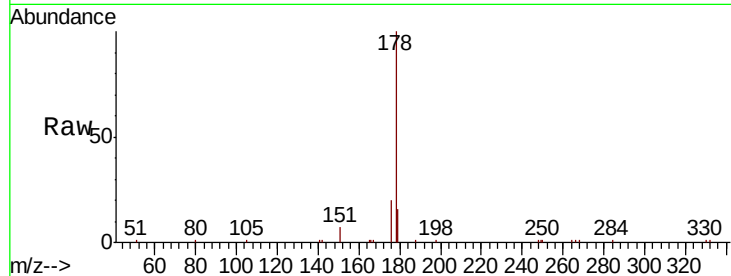
Tot Ion:178 Resp: 11814

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

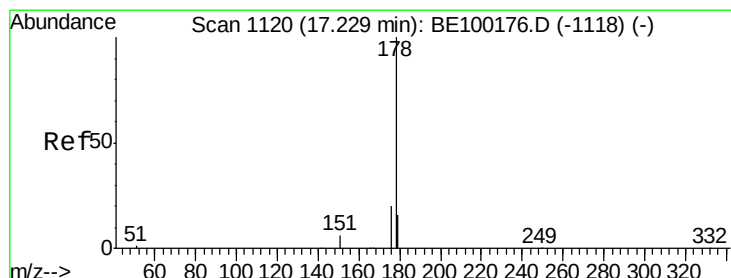
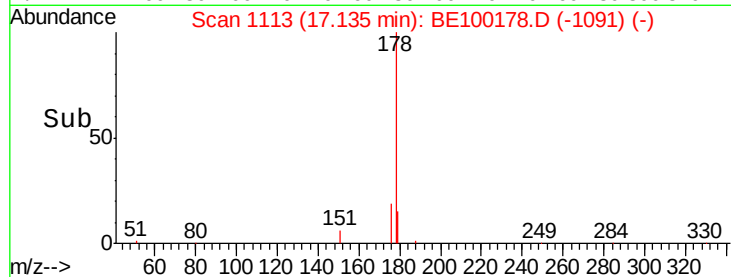
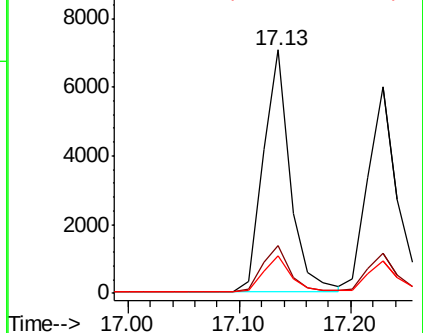
179 15.2 12.2 18.2



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: 1.689 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

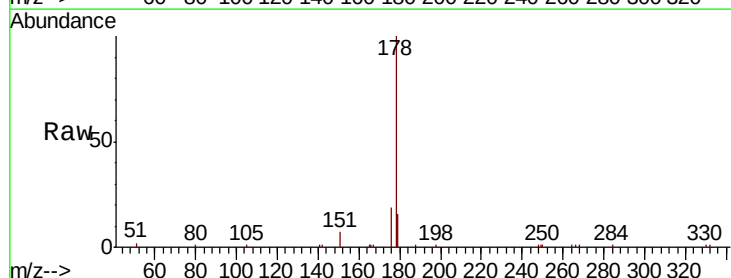
Tgt Ion:178 Resp: 10631

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

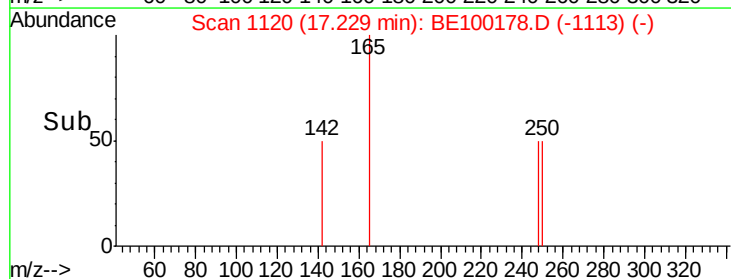
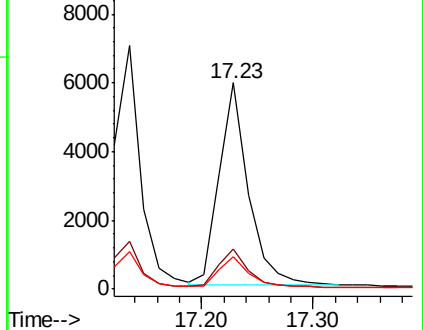
179 15.4 12.9 19.3

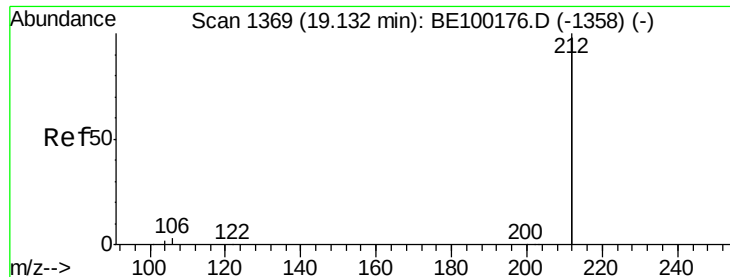


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.642 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

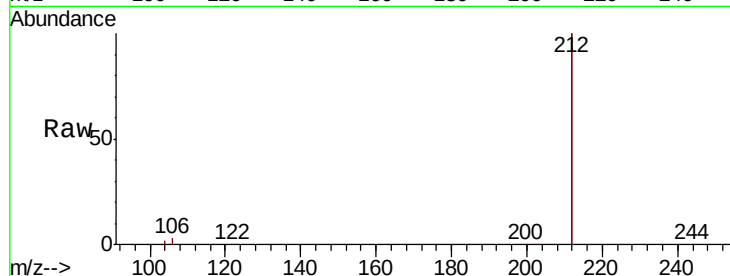
Tot Ion:212 Resp: 70737

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

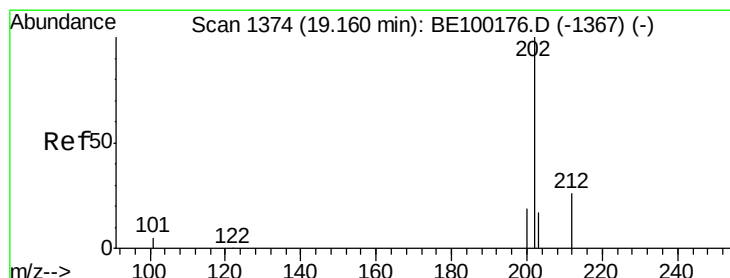
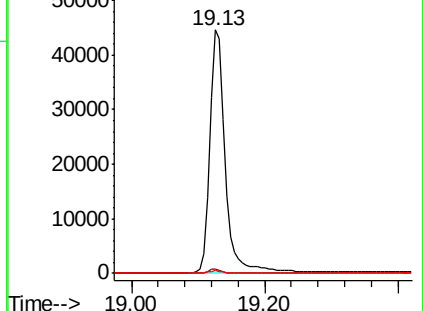
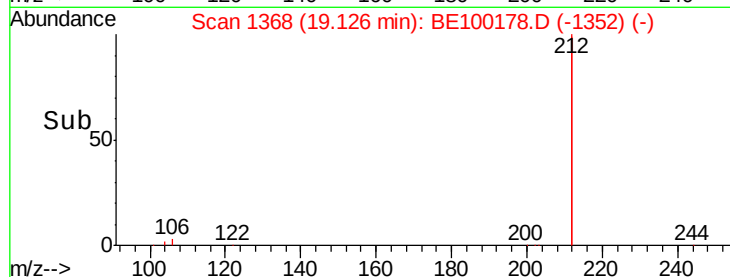
104 0.9 0.7 1.1



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: 1.703 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

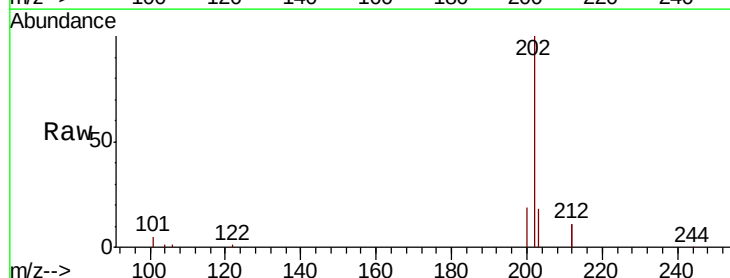
Tgt Ion:202 Resp: 19357

Ion Ratio Lower Upper

202 100

101 5.9 4.5 6.7

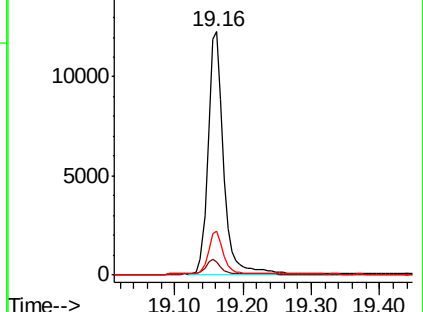
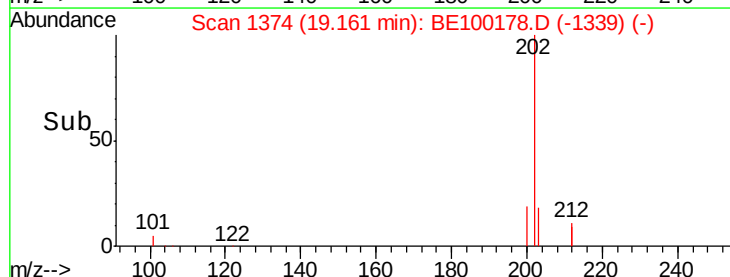
203 17.2 13.7 20.5

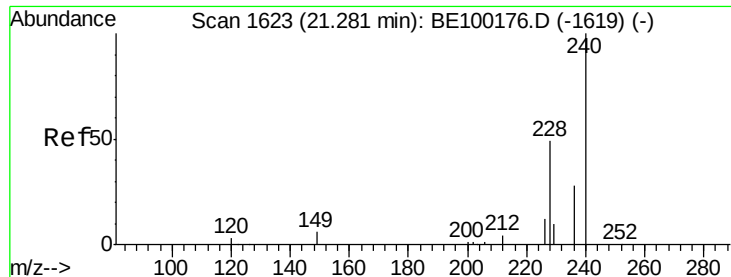


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

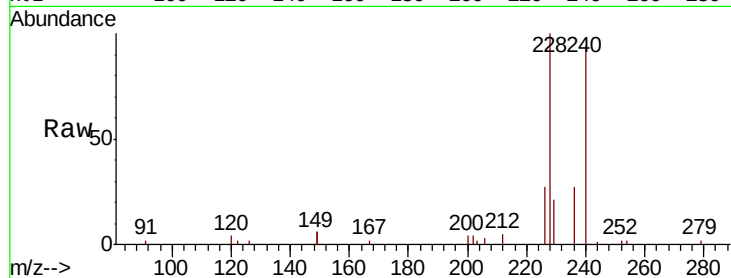
Tot Ion:240 Resp: 4857

Ion Ratio Lower Upper

240 100

120 4.8 4.1 6.1

236 28.5 23.0 34.6

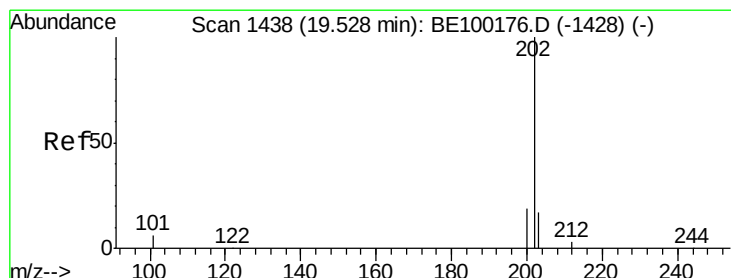
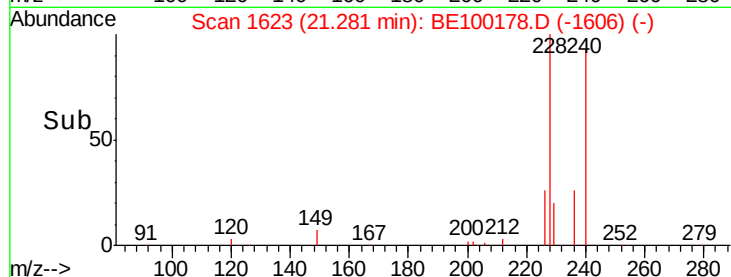
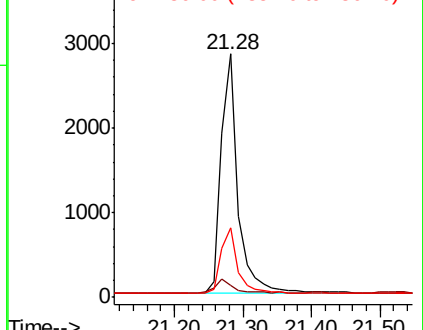


Abundance

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: 1.412 ng

RT: 19.52 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

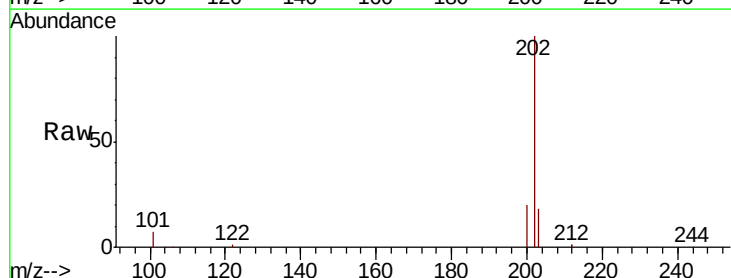
Tgt Ion:202 Resp: 19293

Ion Ratio Lower Upper

202 100

200 19.5 15.5 23.3

203 17.7 13.9 20.9

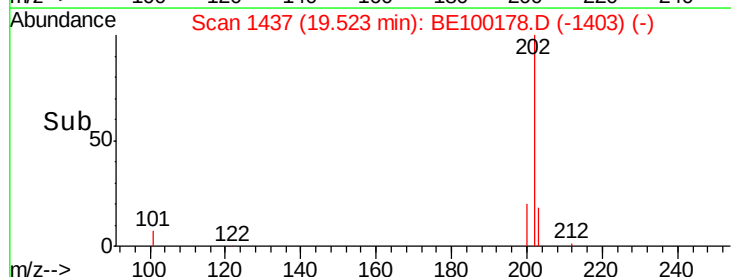
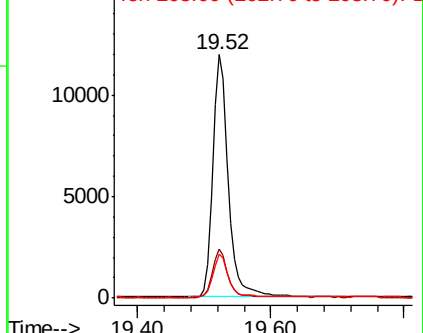


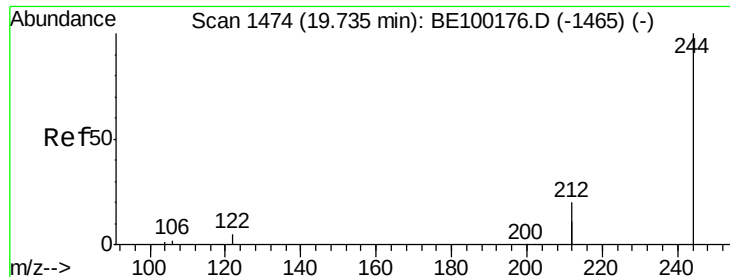
Abundance

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: 1.400 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampled :

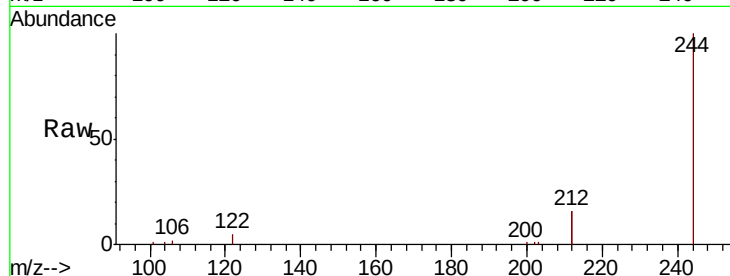
Tot Ion:244 Resp: 14531

Ion Ratio Lower Upper

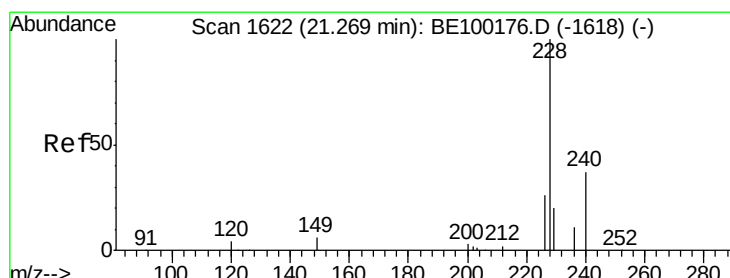
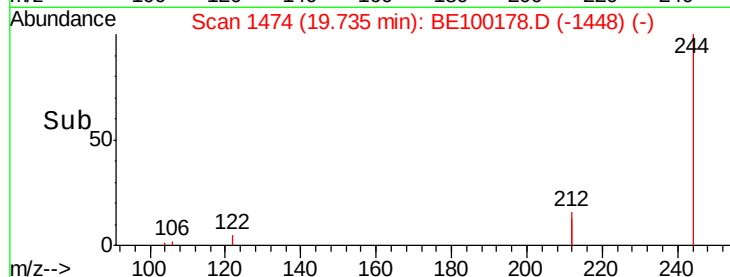
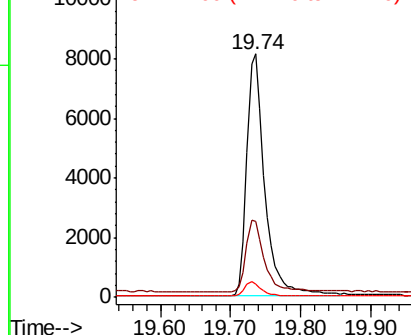
244 100

212 31.2 30.7 46.1

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: 1.688 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

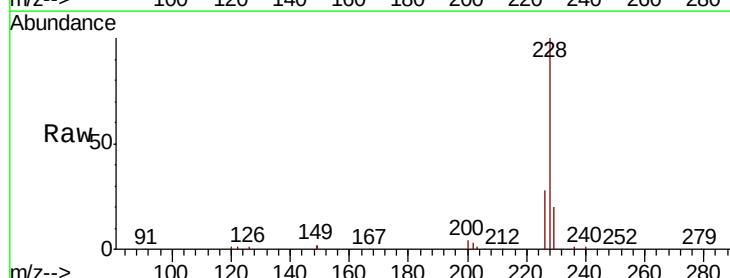
Tgt Ion:228 Resp: 24877

Ion Ratio Lower Upper

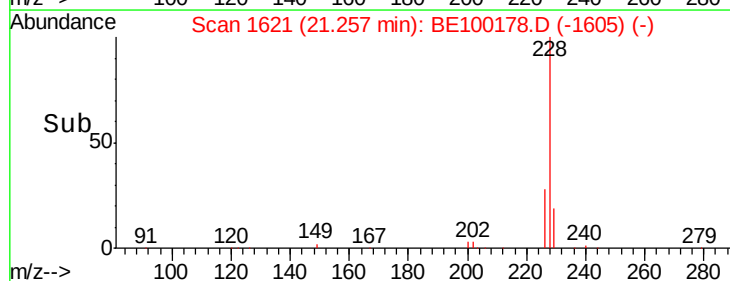
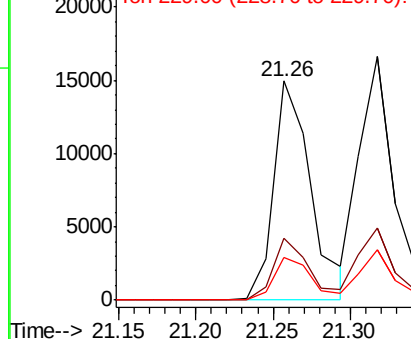
228 100

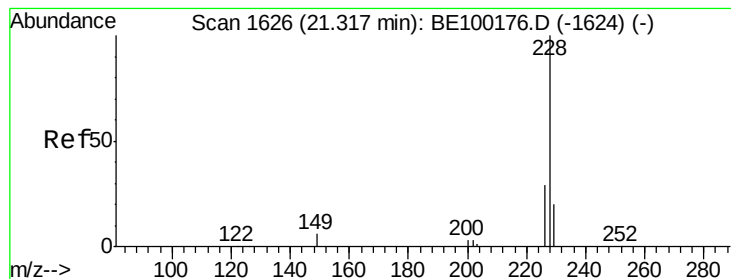
226 28.2 21.5 32.3

229 19.7 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: 1.620 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

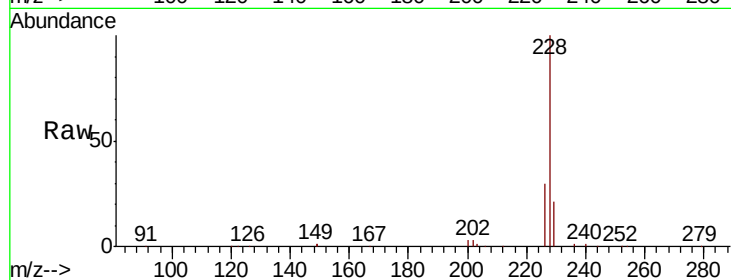
Tot Ion:228 Resp: 26370

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

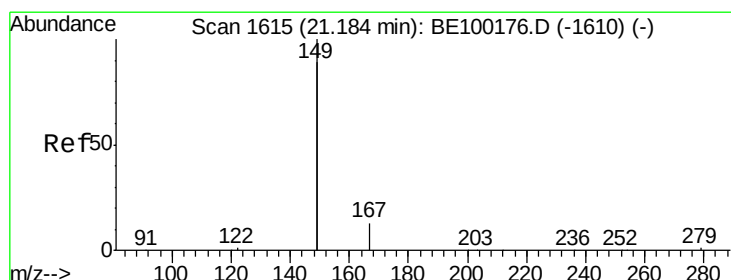
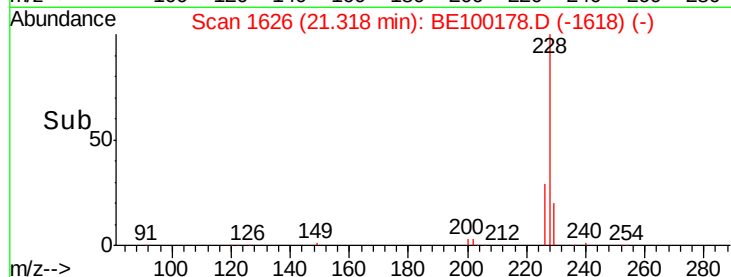
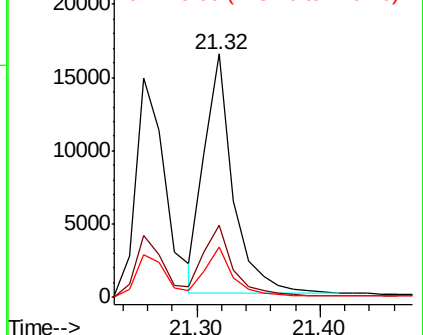
229 20.5 16.5 24.7



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: 1.038 ng

RT: 21.18 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

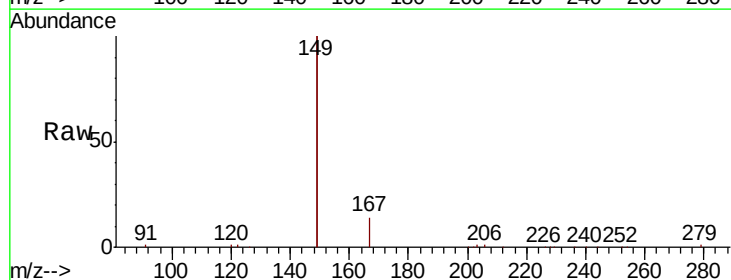
Tgt Ion:149 Resp: 25295

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

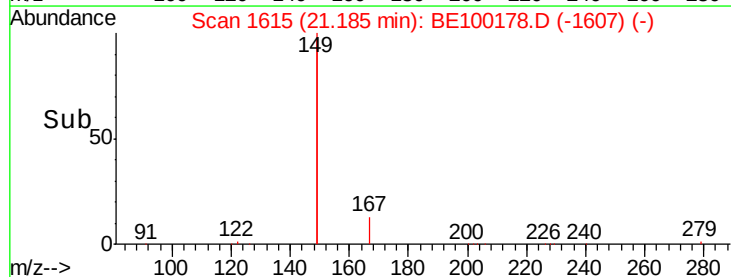
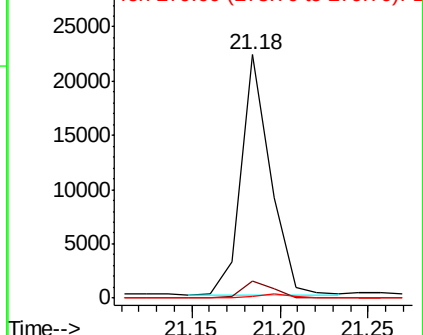
279 1.5 1.0 1.6

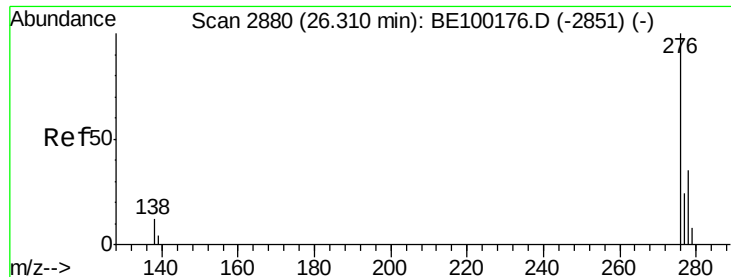


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

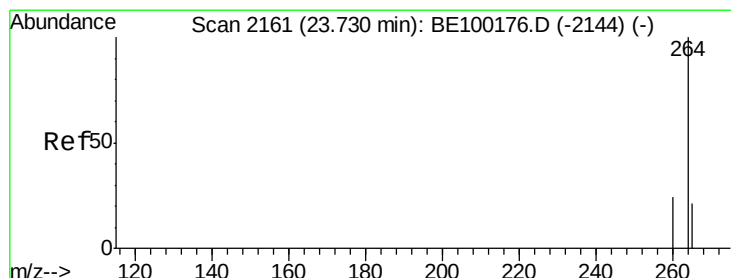
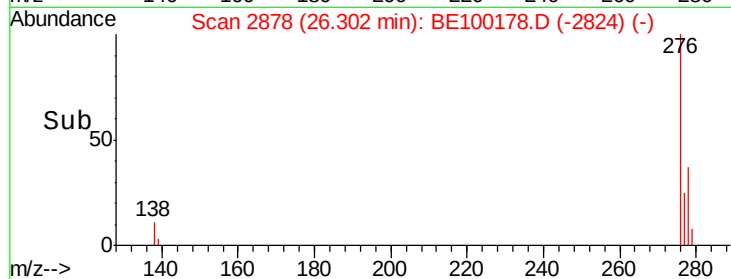
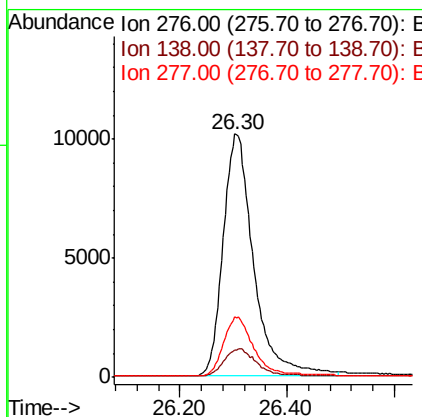
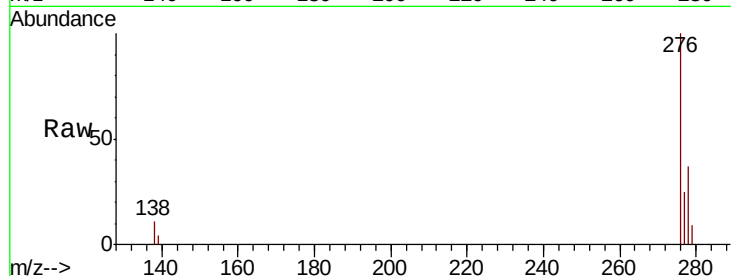




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.154 ng
 RT: 26.30 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BE100178.D
 Acq: 25 Jun 2019 12:25

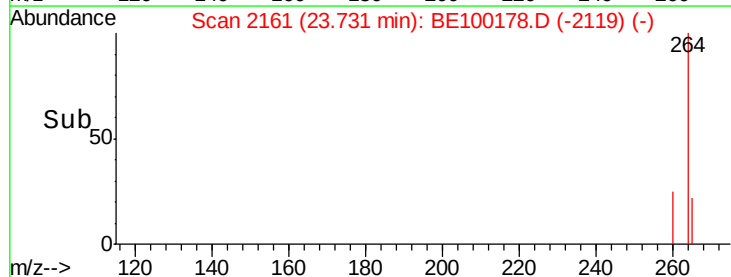
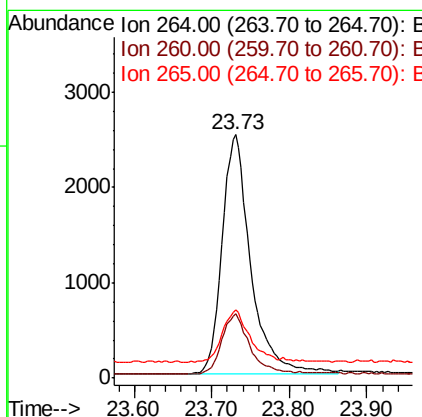
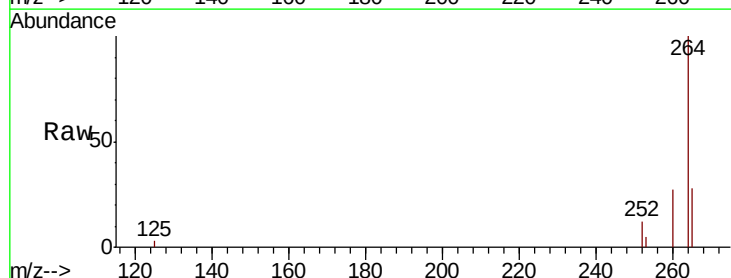
Instrument :
 BNA_E
 ClientSampleId :

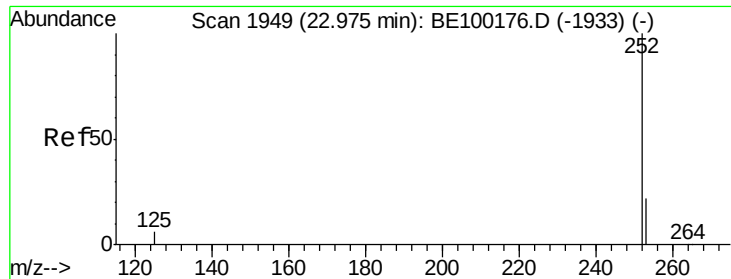
Tot Ion:276 Resp: 40338
 Ion Ratio Lower Upper
 276 100
 138 12.1 3.7 5.5#
 277 24.5 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BE100178.D
 Acq: 25 Jun 2019 12:25

Tgt Ion:264 Resp: 6411
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.4 30.6
 265 27.9 22.5 33.7

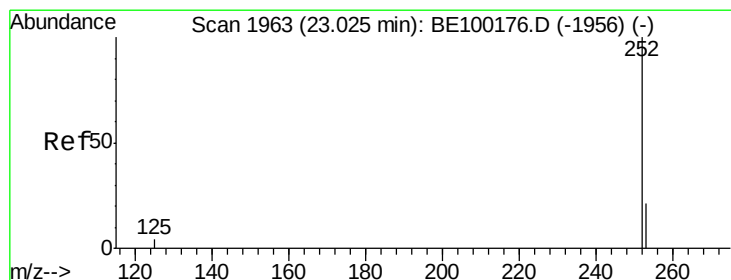
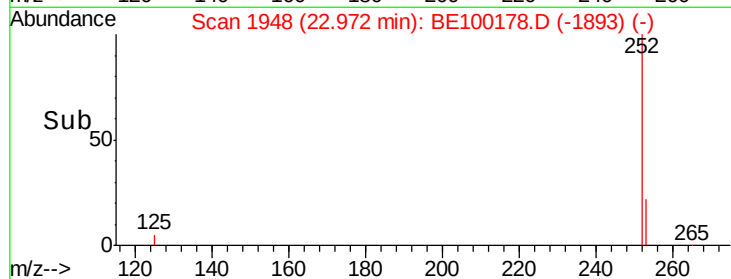
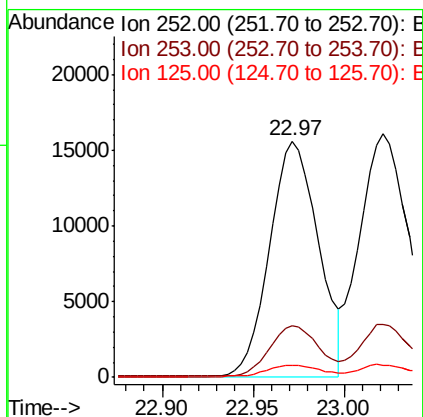
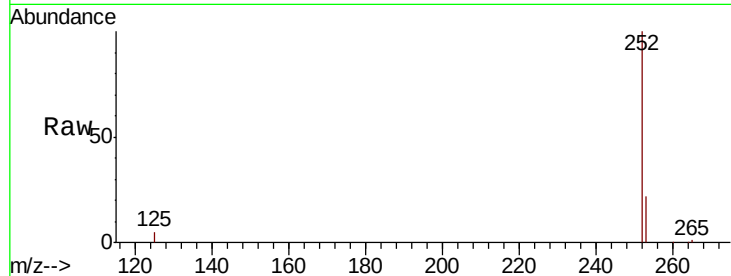




#35
Benzo(b)fluoranthene
Concen: 1.761 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

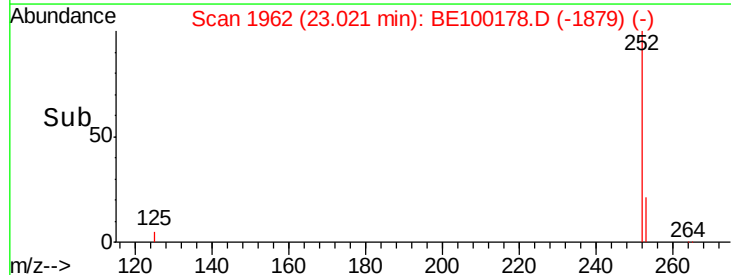
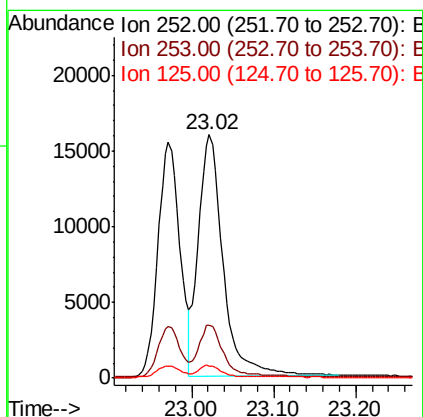
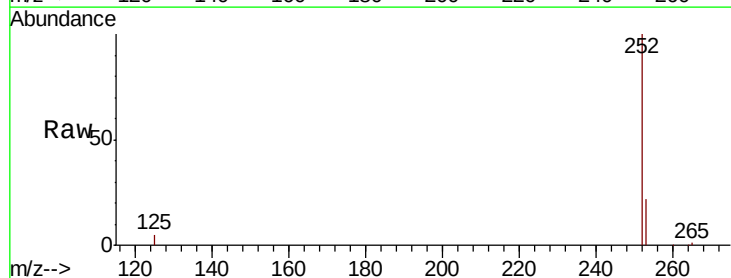
Instrument :
BNA_E
ClientSampleId :

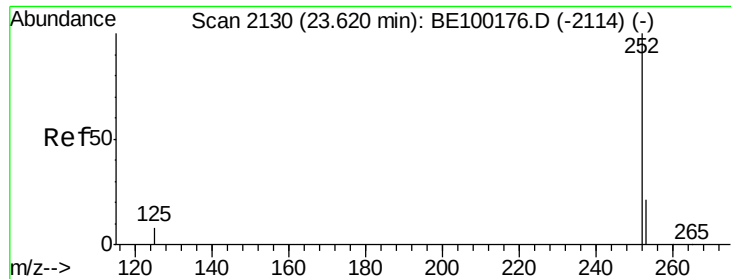
Tot Ion:252 Resp: 28839
Ion Ratio Lower Upper
252 100
253 22.1 19.0 28.4
125 5.3 6.3 9.5#



#36
Benzo(k)fluoranthene
Concen: 1.679 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:252 Resp: 33380
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 5.1 5.0 7.4

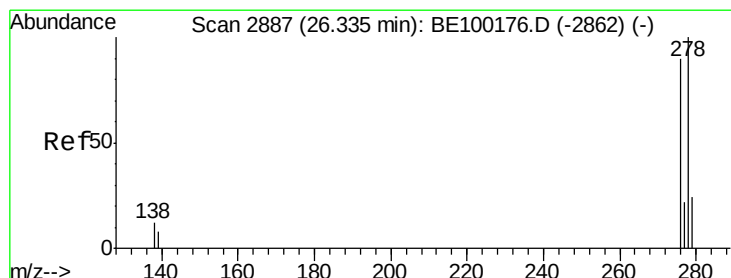
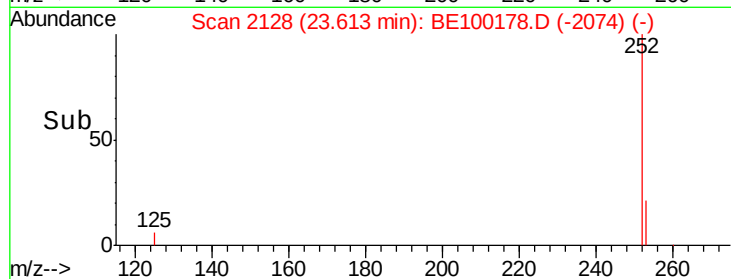
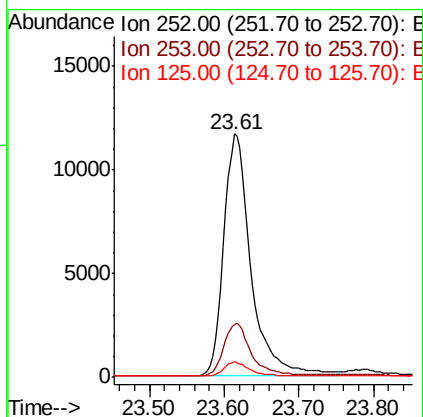
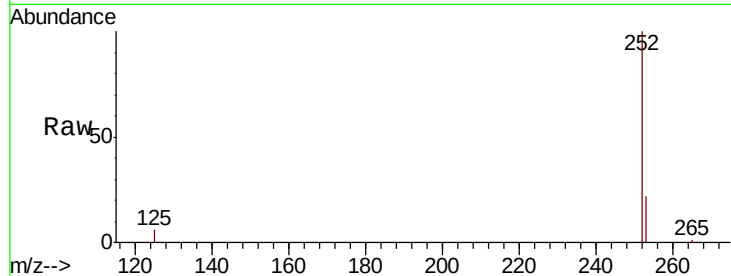




#37
Benzo(a)pyrene
Concen: 1.725 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

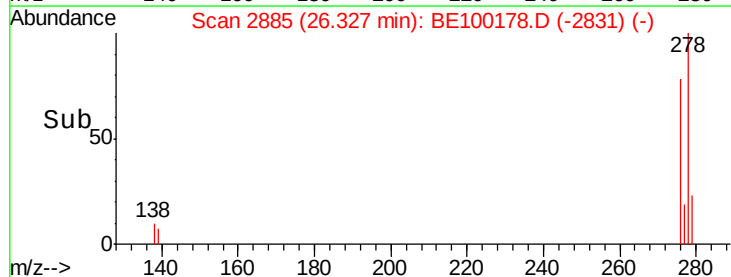
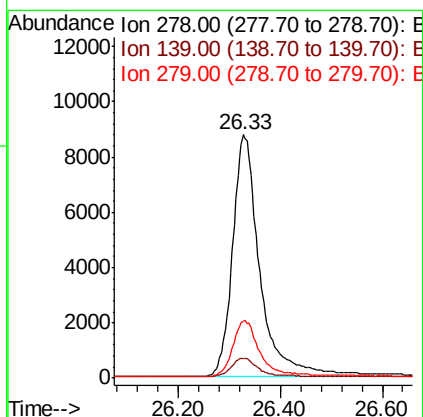
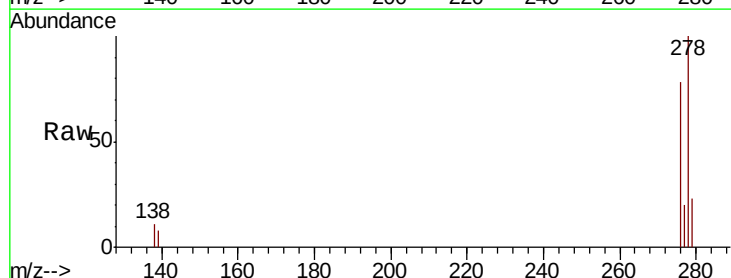
Instrument :
BNA_E
ClientSampleId :

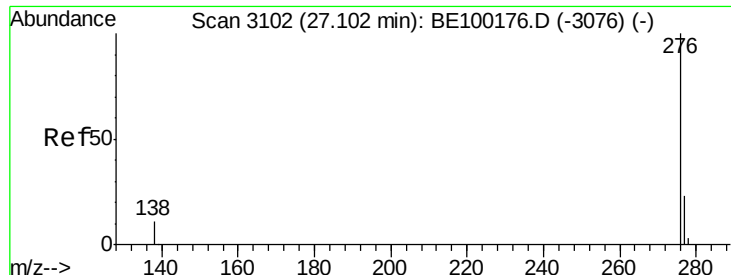
Tot Ion:252 Resp: 29358
Ion Ratio Lower Upper
252 100
253 22.0 19.2 28.8
125 6.4 8.2 12.2#



#38
Dibenzo(a,h)anthracene
Concen: 1.898 ng
RT: 26.33 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:278 Resp: 32493
Ion Ratio Lower Upper
278 100
139 8.0 9.0 13.4#
279 23.4 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 1.868 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100178.D

Acq: 25 Jun 2019 12:25

Instrument :

BNA_E

ClientSampleId :

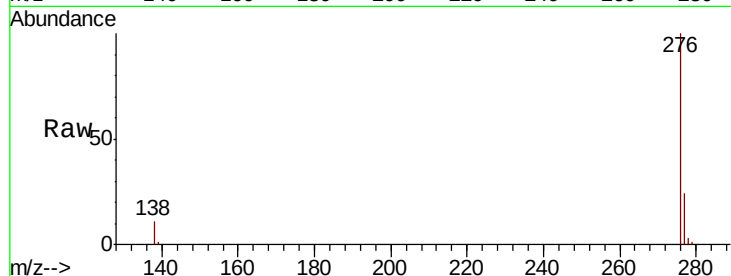
Tot Ion: 276 Resp: 33463

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 10.6 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

