

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
 Data File : BE100436.D
 Acq On : 16 Jul 2019 8:32
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 16 12:58:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 12:52:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4375	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	17360	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8912	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	25321	0.40	ng	0.00
27) Chrysene-d12	21.39	240	24110	0.40	ng	0.00
34) Perylene-d12	23.89	264	22688	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	887	0.10	ng	0.00
5) Phenol-d6	7.04	99	1271	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1000	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2694	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	200	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4536	0.11	ng	0.00
25) Fluoranthene-d10	19.25	212	28859	0.06	ng	0.00
29) Terphenyl-d14	19.86	244	6579	0.11	ng	0.00

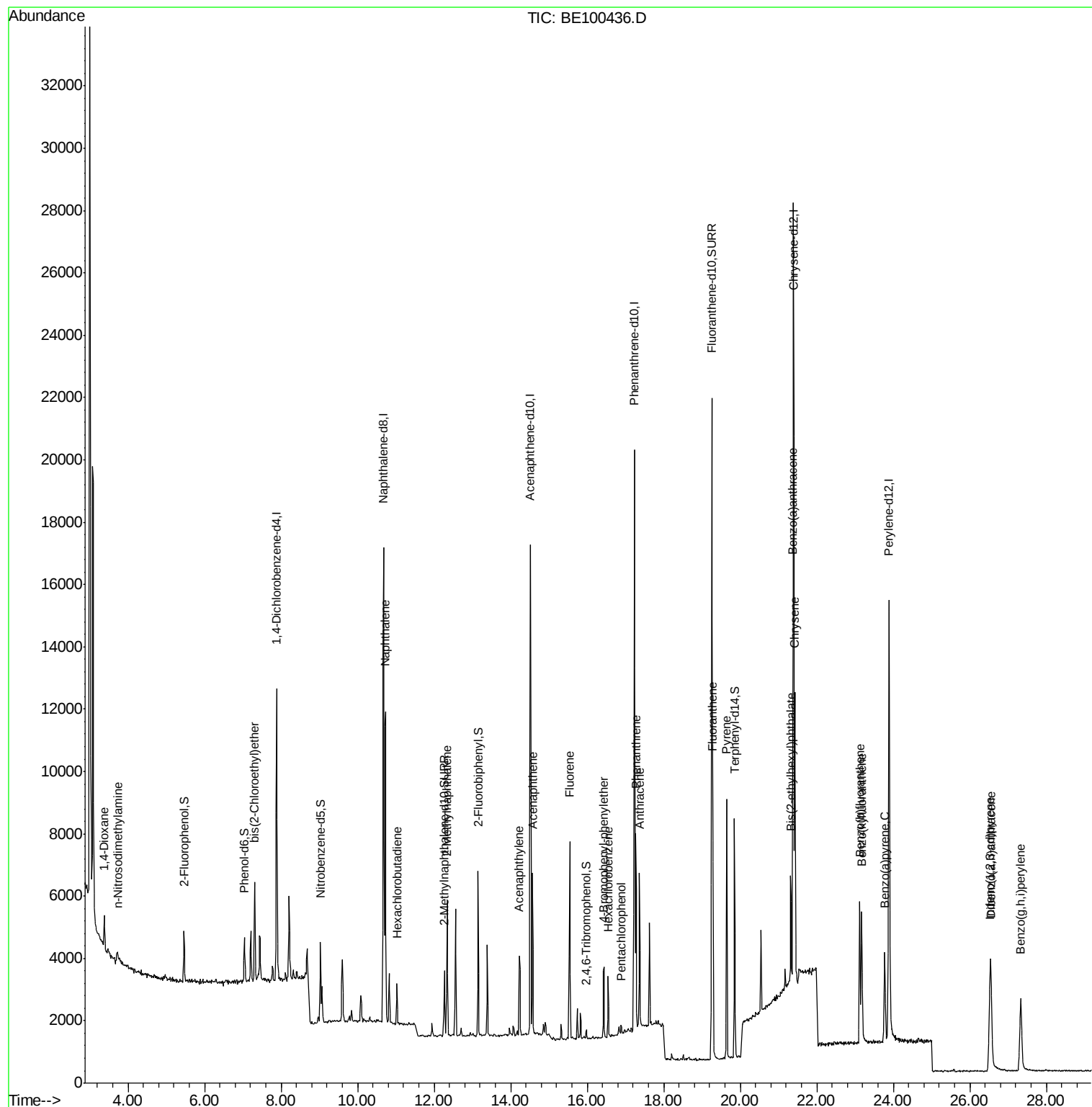
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1106	0.176	ng	# 75
3) n-Nitrosodimethylamine	3.73	42	469	0.121	ng	# 86
6) bis(2-Chloroethyl)ether	7.31	93	1368	0.110	ng	99
9) Naphthalene	10.73	128	18108	0.107	ng	99
10) Hexachlorobutadiene	11.03	225	915	0.113	ng	98
12) 2-Methylnaphthalene	12.34	142	2926	0.103	ng	97
16) Acenaphthylene	14.23	152	3432	0.093	ng	99
17) Acenaphthene	14.57	154	2551	0.101	ng	96
18) Fluorene	15.54	166	3251	0.101	ng	99
20) 4-Bromophenyl-phenylether	16.44	248	1291	0.100	ng	# 64
21) Hexachlorobenzene	16.55	284	1515	0.102	ng	98
22) Pentachlorophenol	16.88	266	204	0.070	ng	94
23) Phenanthrene	17.27	178	6996	0.106	ng	100
24) Anthracene	17.36	178	5300	0.095	ng	99
26) Fluoranthene	19.29	202	7661	0.090	ng	99
28) Pyrene	19.64	202	7777	0.110	ng	99
30) Benzo(a)anthracene	21.38	228	6428	0.097	ng	99
31) Chrysene	21.43	228	8333	0.107	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	5178	0.102	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.53	276	6440	0.092	ng	98
35) Benzo(b)fluoranthene	23.12	252	6784	0.095	ng	# 93
36) Benzo(k)fluoranthene	23.17	252	6443	0.086	ng	96
37) Benzo(a)pyrene	23.78	252	4998	0.084	ng	# 91
38) Dibenzo(a,h)anthracene	26.56	278	5153	0.083	ng	# 91
39) Benzo(g,h,i)perylene	27.33	276	6096	0.094	ng	95

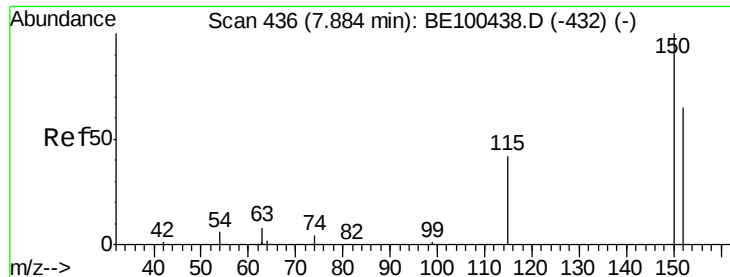
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :

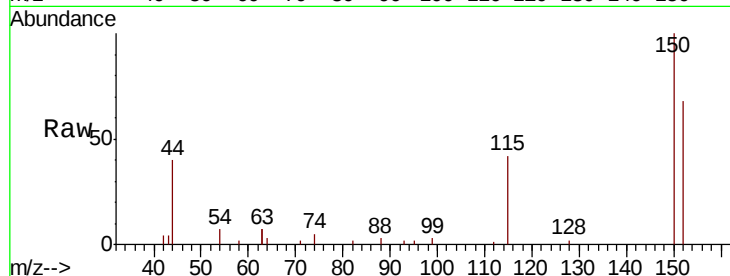
Tot Ion:152 Resp: 4375

Ion Ratio Lower Upper

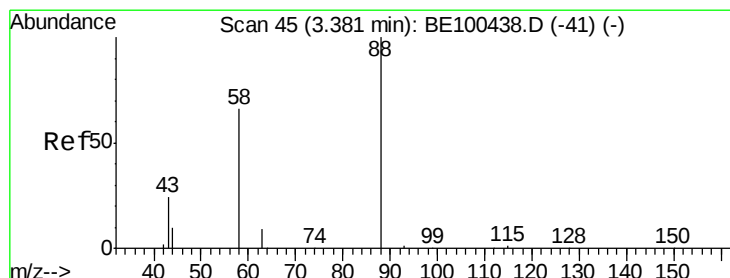
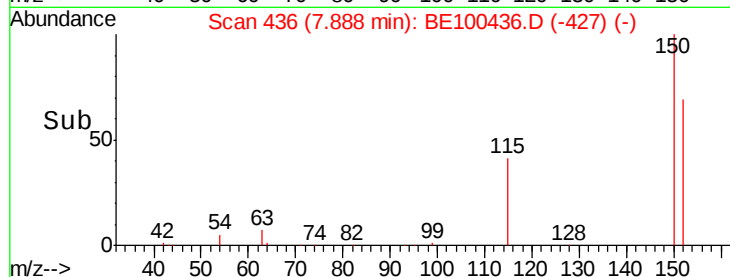
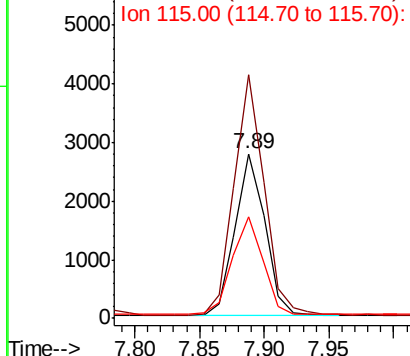
152 100

150 147.8 121.7 182.5

115 61.9 52.4 78.6



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: 0.176 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

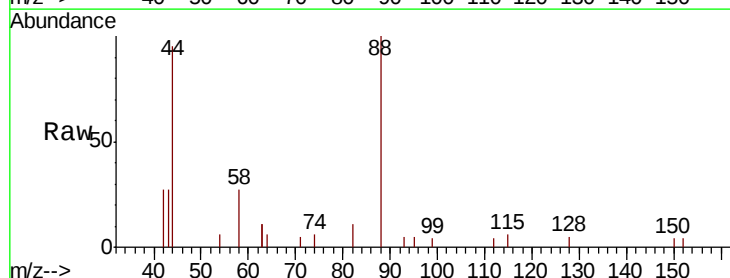
Tgt Ion: 88 Resp: 1106

Ion Ratio Lower Upper

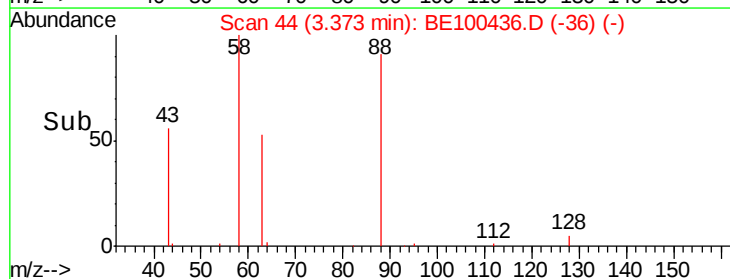
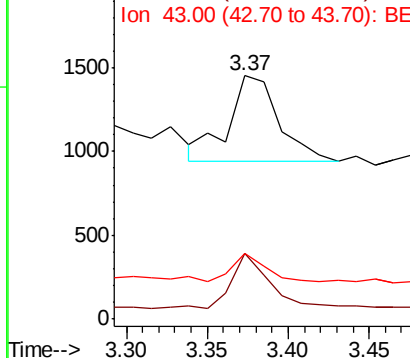
88 100

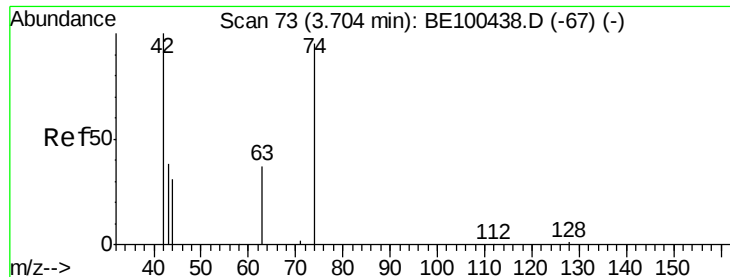
58 49.4 57.8 86.8#

43 20.8 25.0 37.6#



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: 0.121 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.03 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

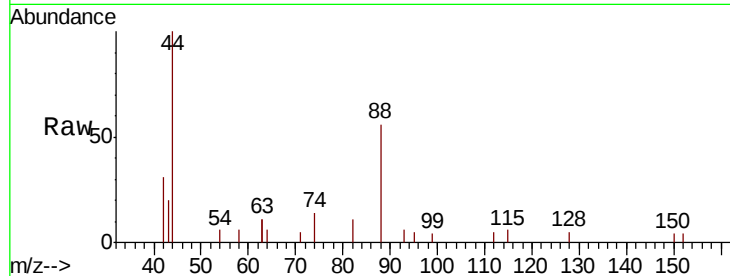
Tot Ion: 42 Resp: 469

Ion Ratio Lower Upper

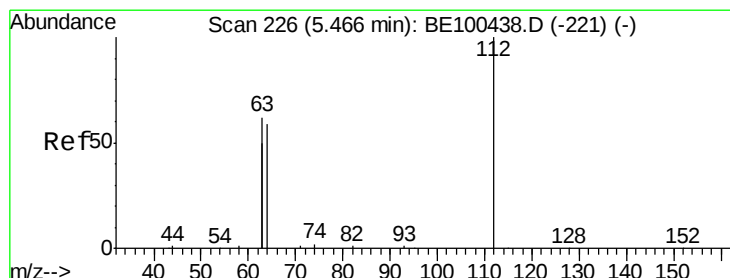
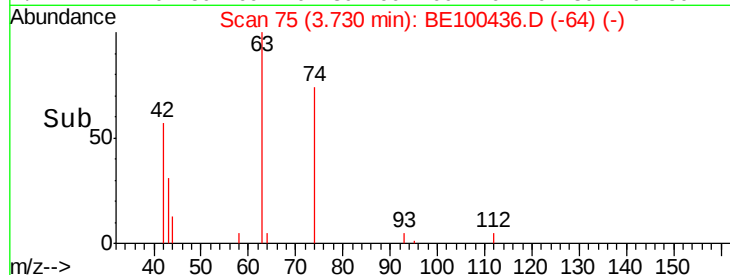
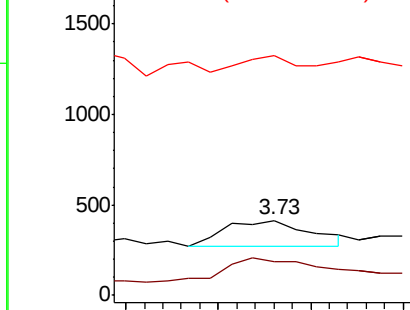
42 100

74 93.6 85.3 127.9

44 38.4 21.8 32.8#



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: 0.100 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

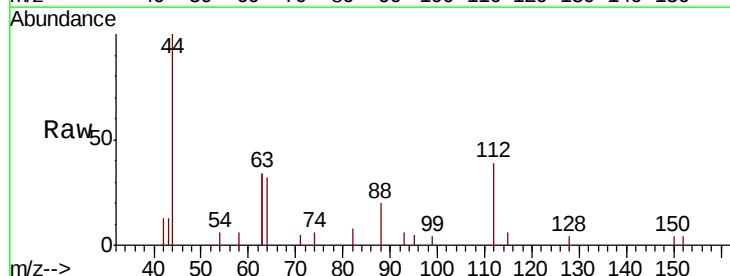
Tgt Ion: 112 Resp: 887

Ion Ratio Lower Upper

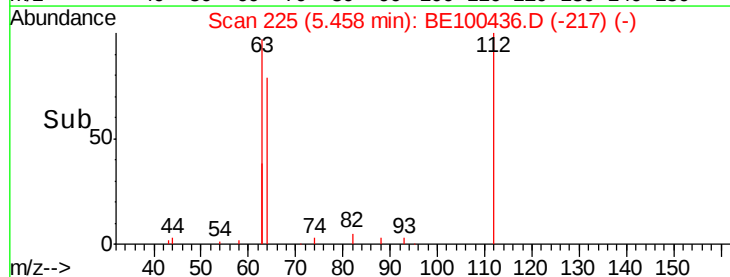
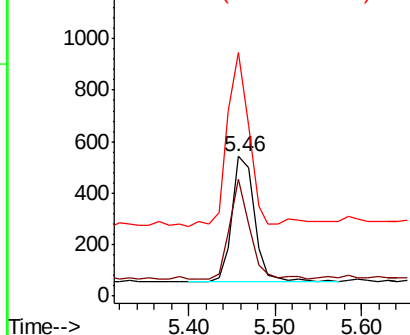
112 100

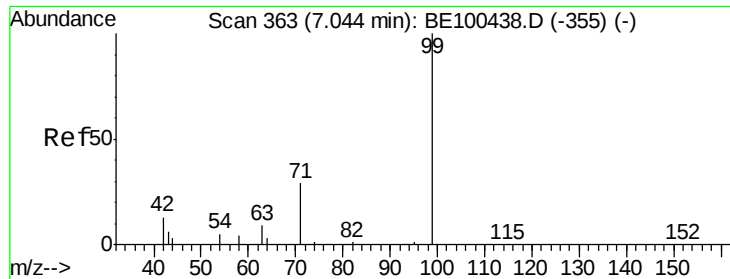
64 70.7 55.0 82.4

63 132.0 114.8 172.2



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: 0.099 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampled :

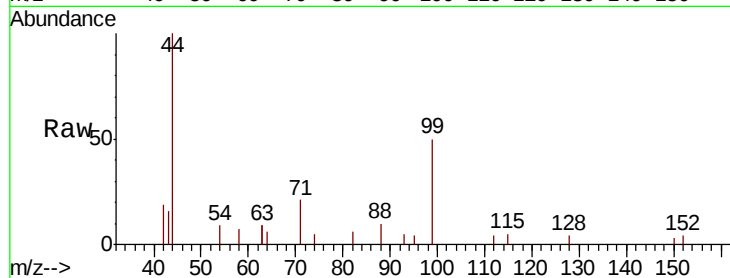
Tot Ion: 99 Resp: 1271

Ion Ratio Lower Upper

99 100

42 26.6 17.4 26.2#

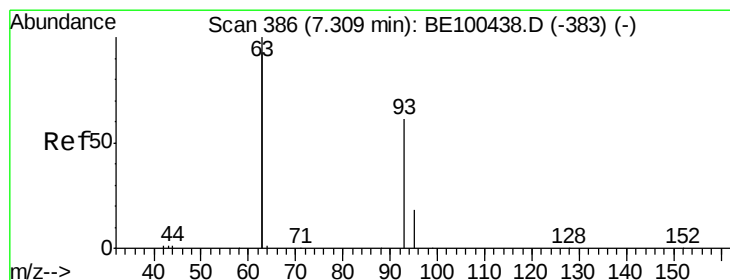
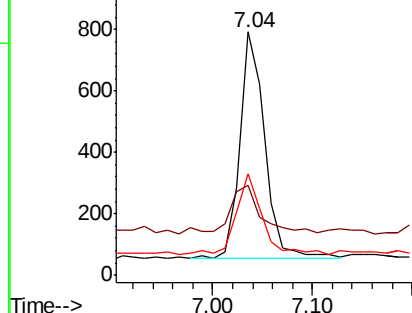
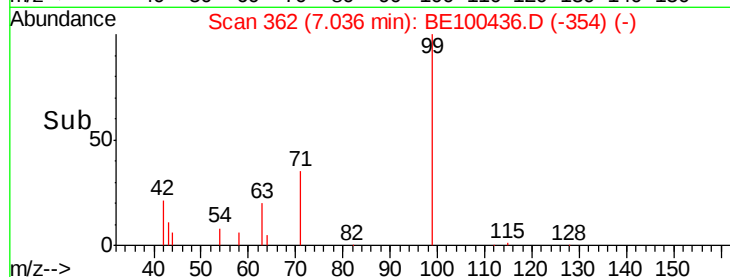
71 38.2 28.2 42.4



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: 0.110 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

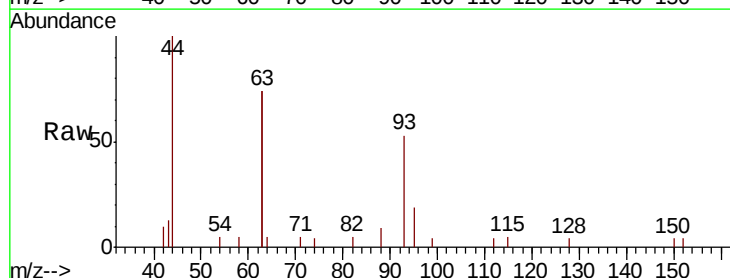
Tgt Ion: 93 Resp: 1368

Ion Ratio Lower Upper

93 100

63 333.0 266.9 400.3

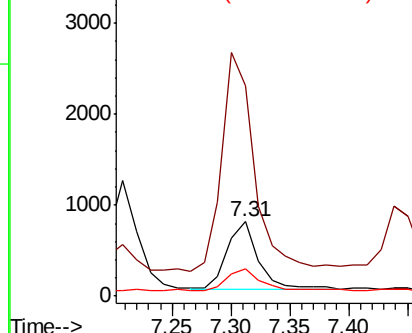
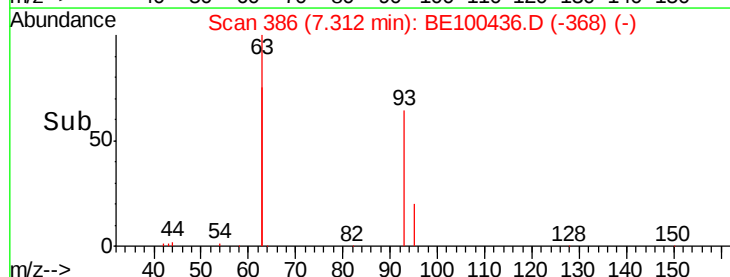
95 31.1 26.8 40.2

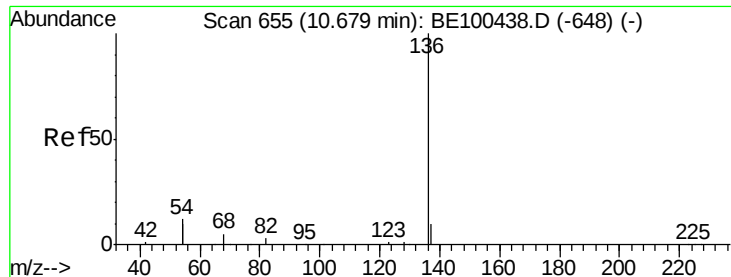


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17360

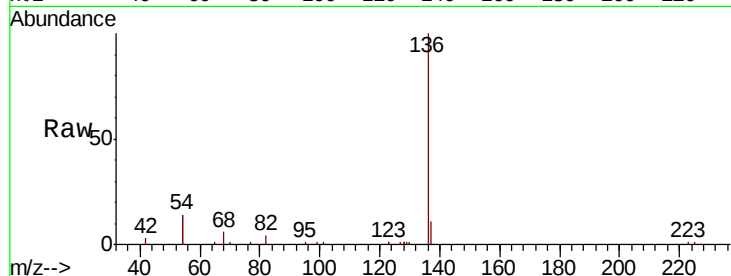
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 27.1 19.6 29.4

68 6.1 4.4 6.6

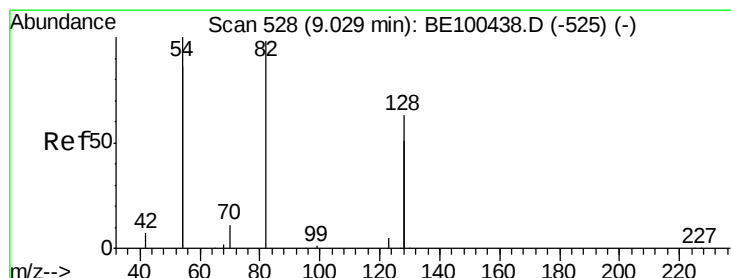
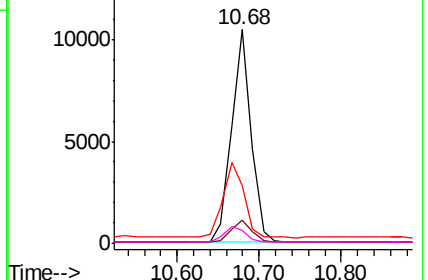
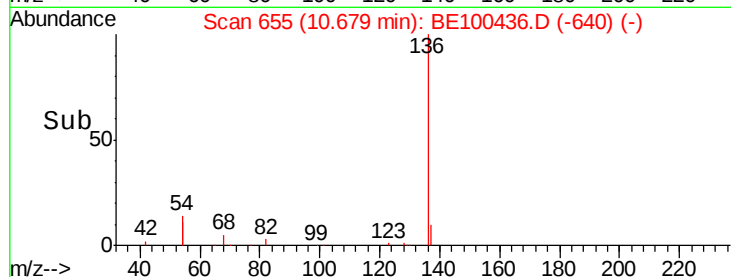


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.113 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

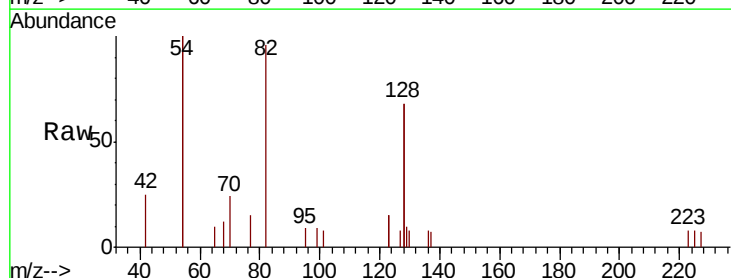
Tgt Ion: 82 Resp: 1000

Ion Ratio Lower Upper

82 100

128 142.5 97.9 146.9

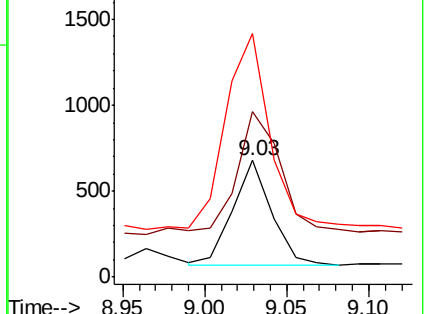
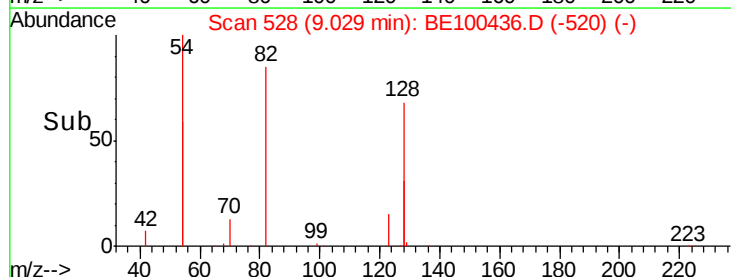
54 209.1 155.0 232.6

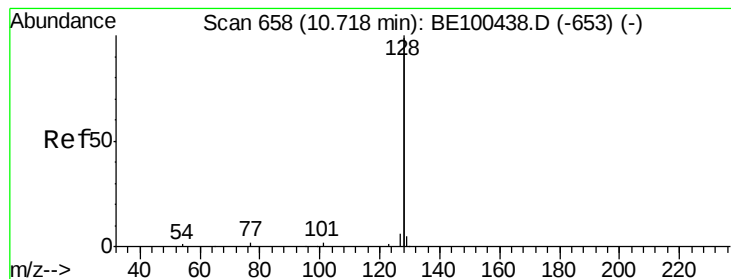


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.107 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

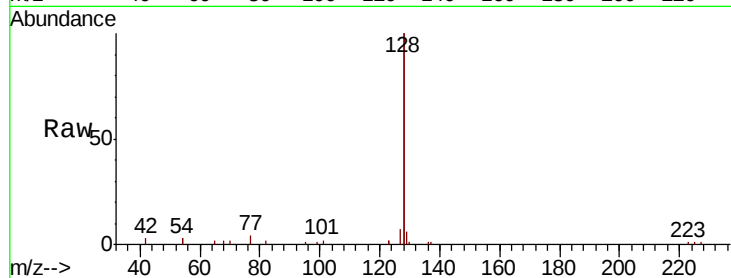
Tot Ion:128 Resp: 18108

Ion Ratio Lower Upper

128 100

129 3.2 2.2 3.4

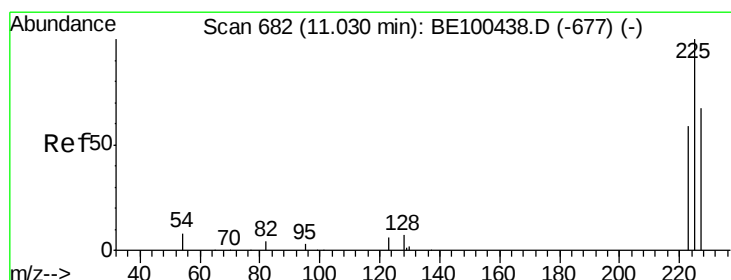
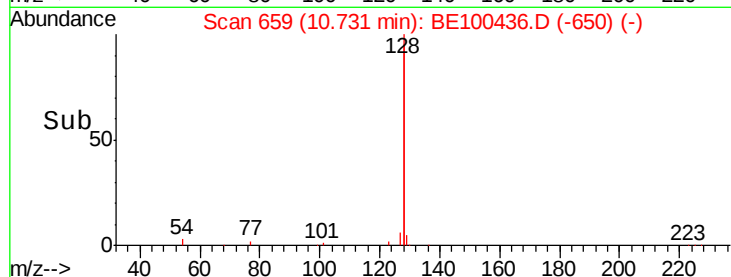
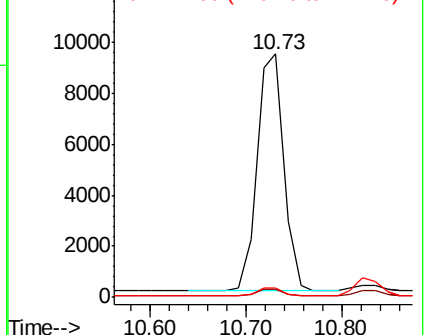
127 3.6 2.7 4.1



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: 0.113 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

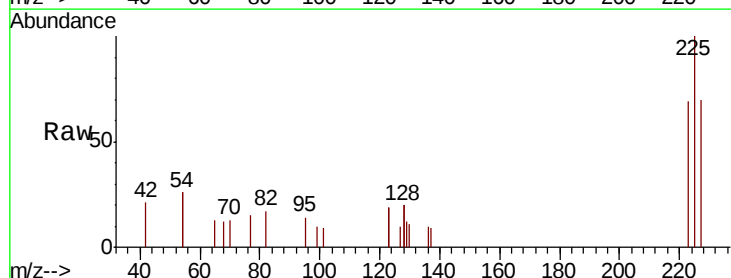
Tgt Ion:225 Resp: 915

Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.8

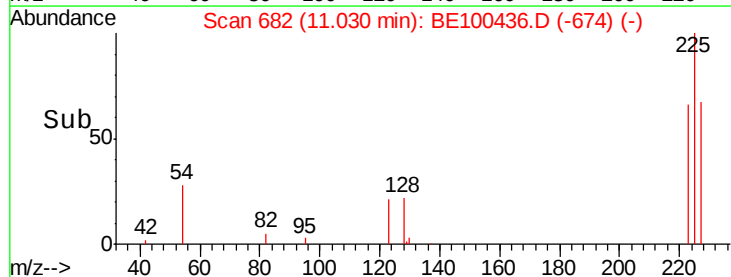
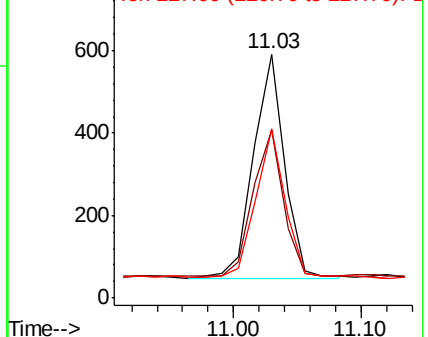
227 62.4 52.3 78.5

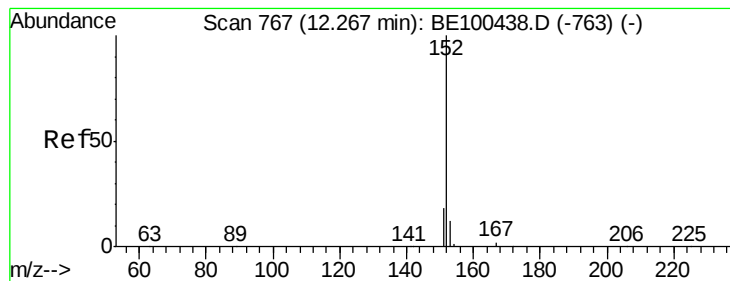


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

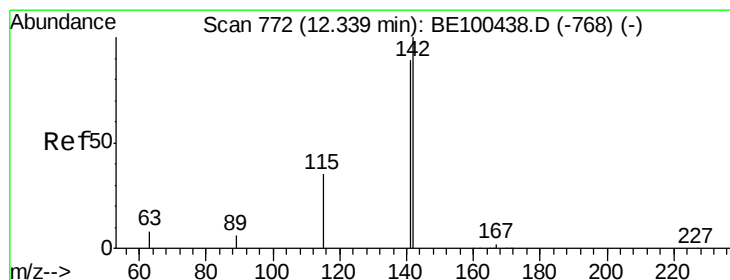
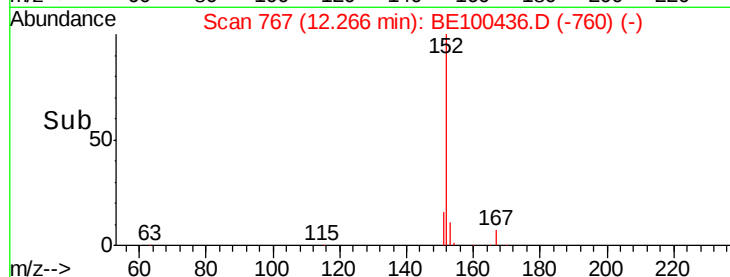
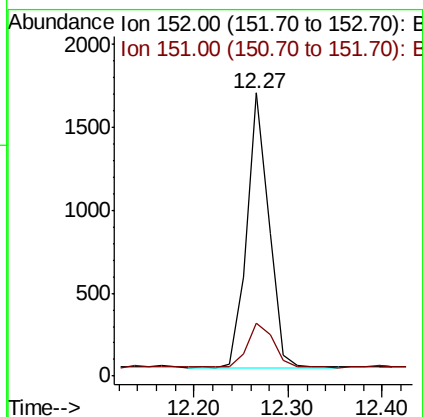
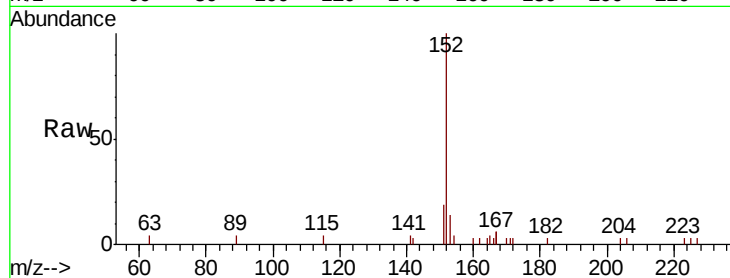




#11
 2-Methylnaphthalene-d10
 Concen: 0.070 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE100436.D
 Acq: 16 Jul 2019 8:32

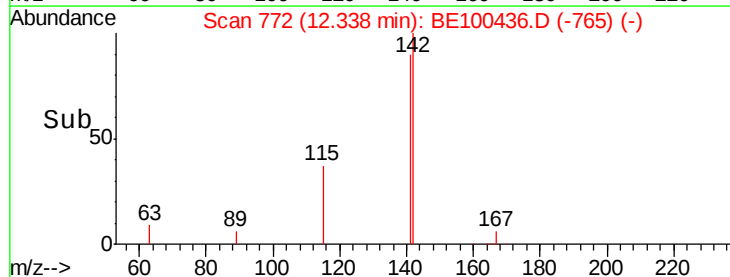
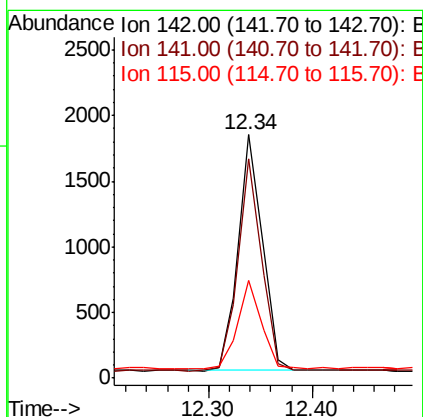
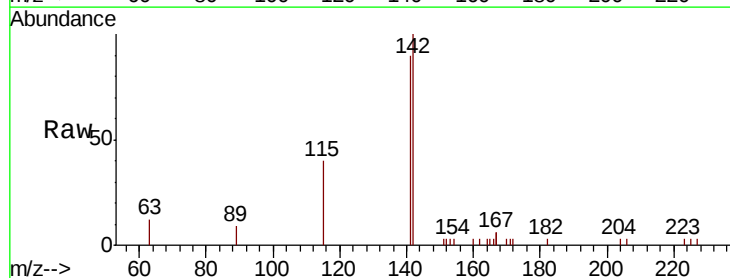
Instrument :
 BNA_E
 ClientSampleId :

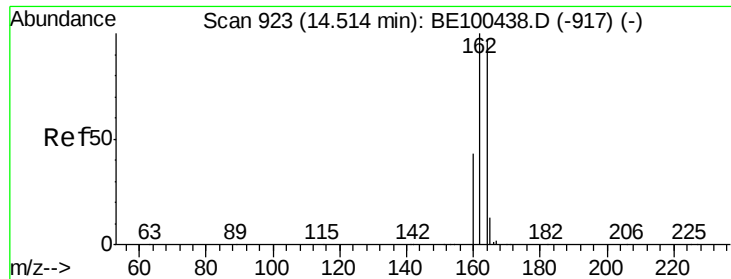
Tot Ion:152 Resp: 2694
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.0 24.0



#12
 2-Methylnaphthalene
 Concen: 0.103 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE100436.D
 Acq: 16 Jul 2019 8:32

Tgt Ion:142 Resp: 2926
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.9 106.3
 115 40.2 29.0 43.4

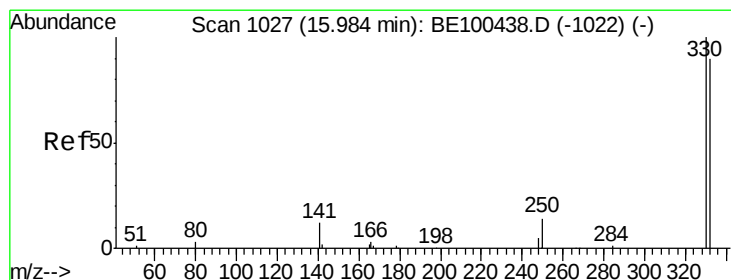
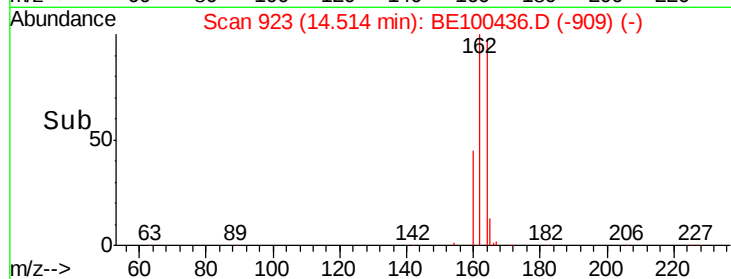
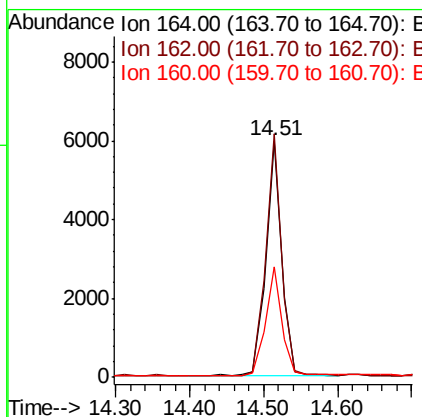
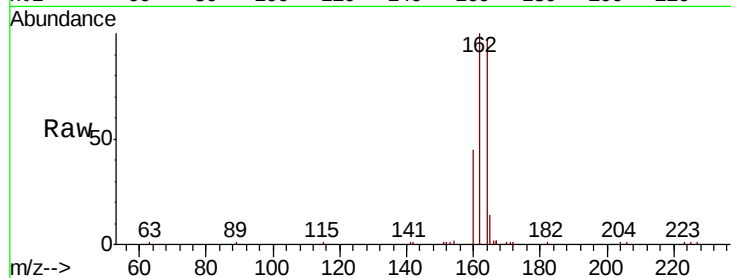




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

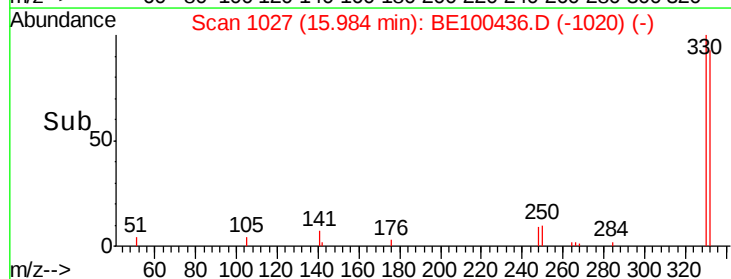
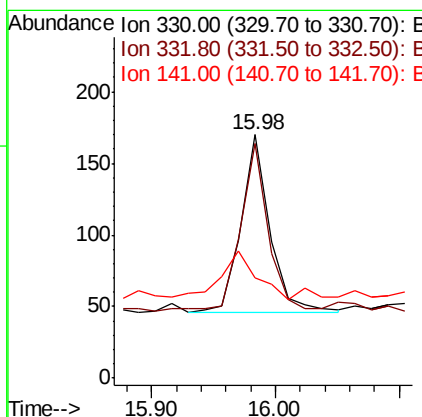
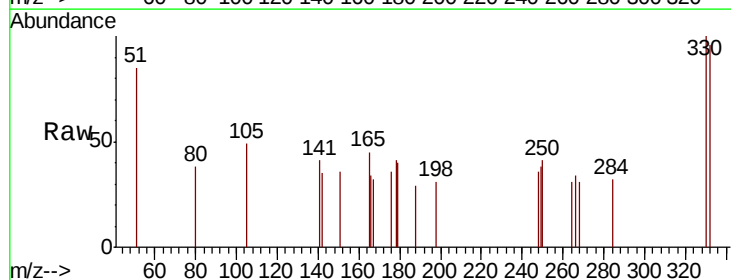
Instrument :
BNA_E
ClientSampleId :

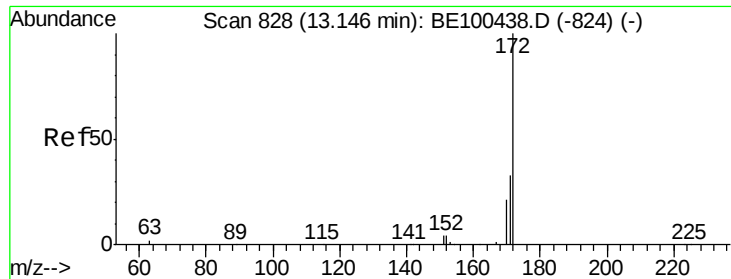
Tot Ion:164 Resp: 8912
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 46.9 35.6 53.4



#14
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:330 Resp: 200
Ion Ratio Lower Upper
330 100
332 87.0 76.3 114.5
141 33.0 28.1 42.1

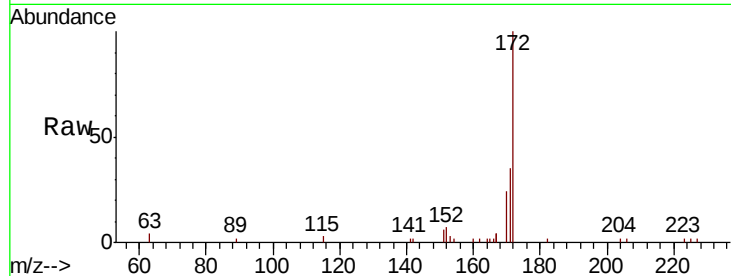




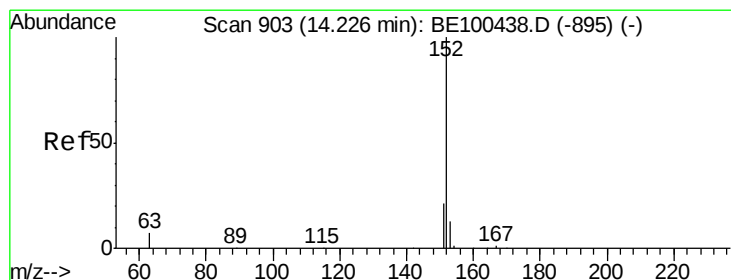
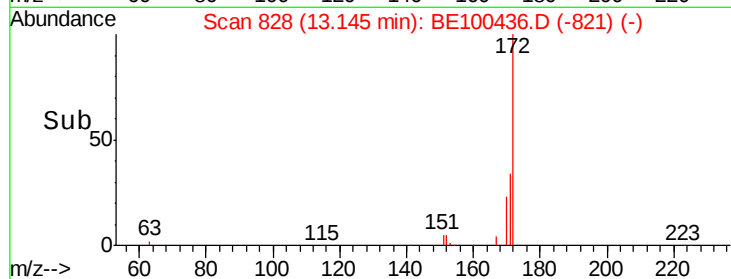
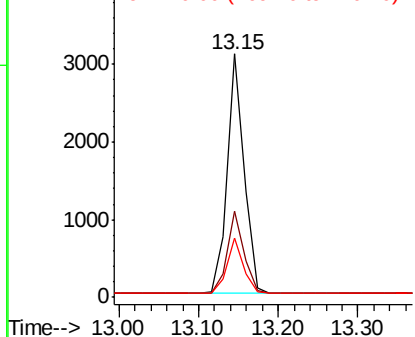
#15
2-Fluorobiphenyl
Concen: 0.115 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4536
Ion Ratio Lower Upper
172 100
171 35.2 27.0 40.4
170 24.4 17.4 26.0

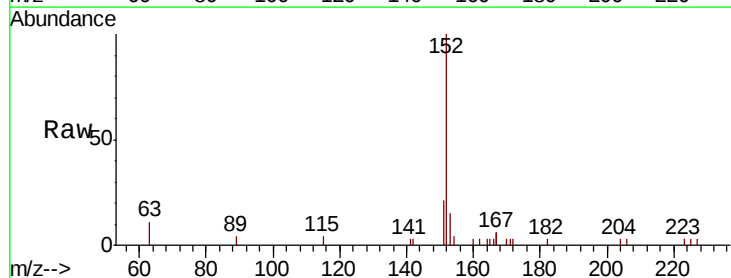


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

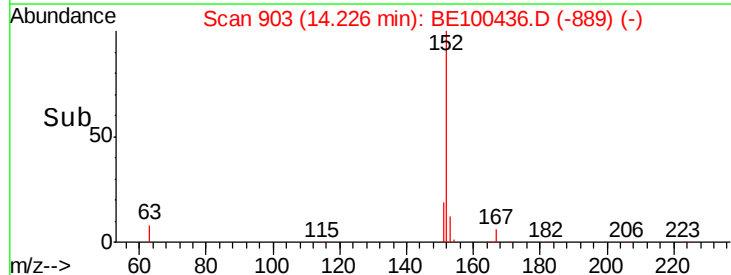
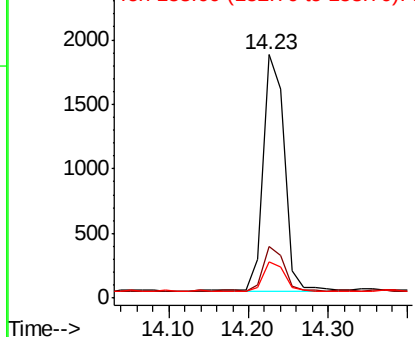


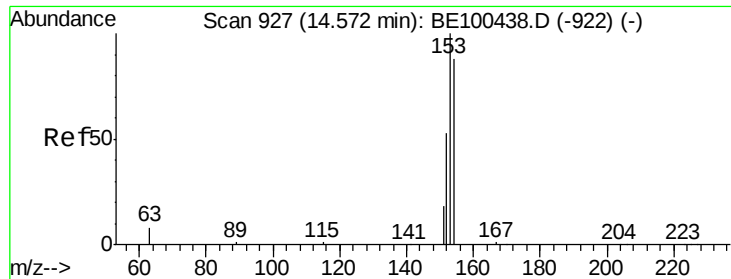
#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:152 Resp: 3432
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.4 10.4 15.6



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

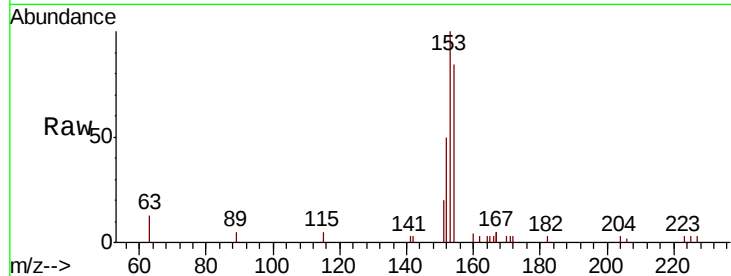




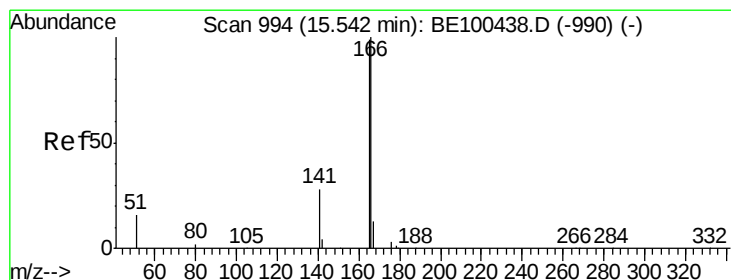
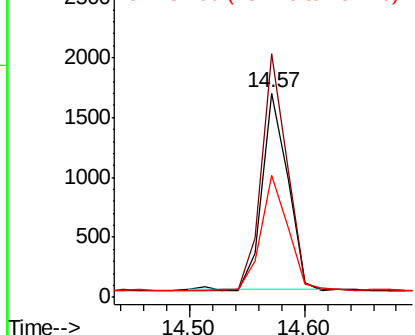
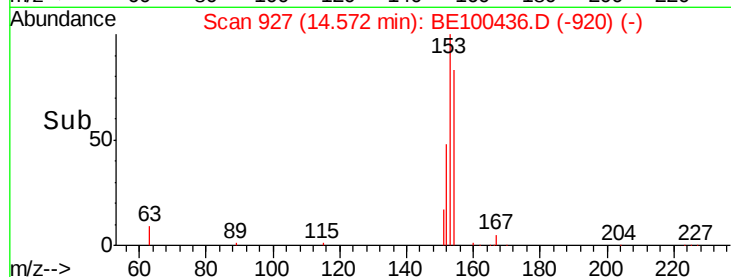
#17
Acenaphthene
Concen: 0.101 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 2551
Ion Ratio Lower Upper
154 100
153 119.8 91.0 136.4
152 61.4 49.4 74.2

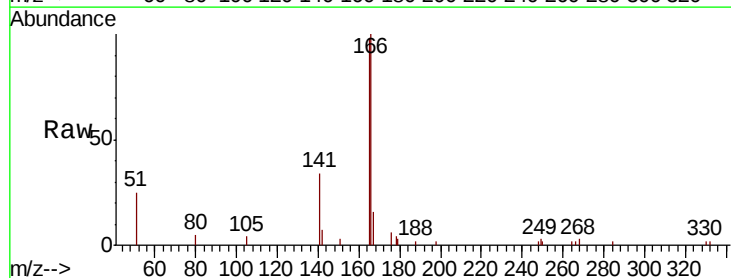


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

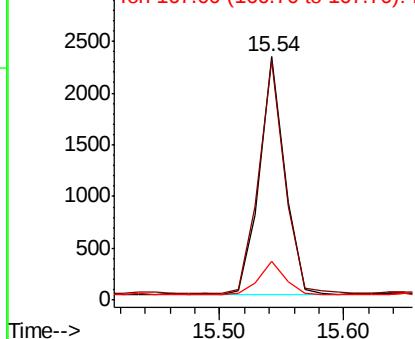
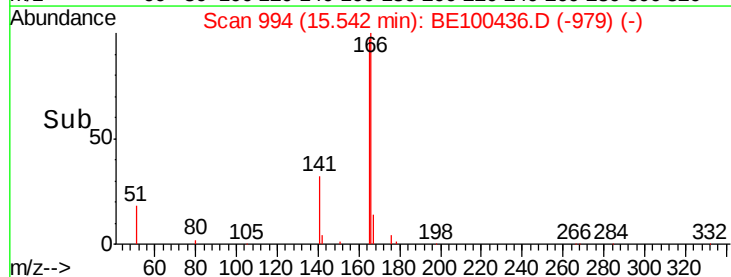


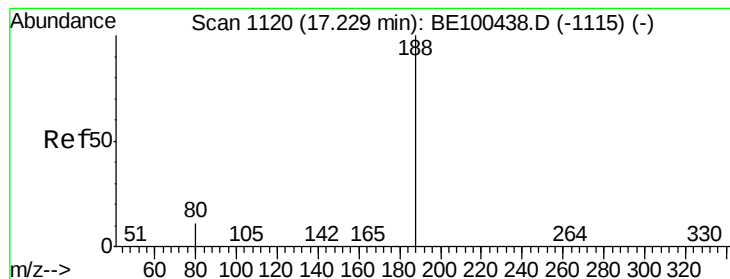
#18
Fluorene
Concen: 0.101 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:166 Resp: 3251
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 14.7 10.6 15.8



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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

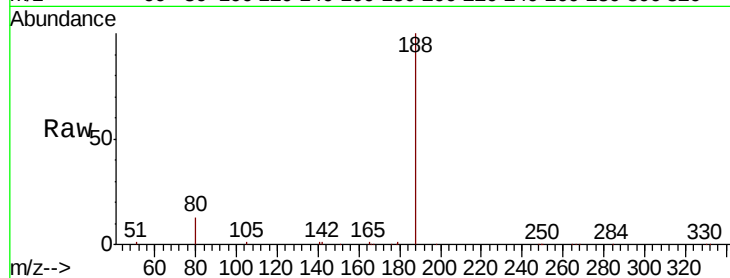
Tot Ion:188 Resp: 25321

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

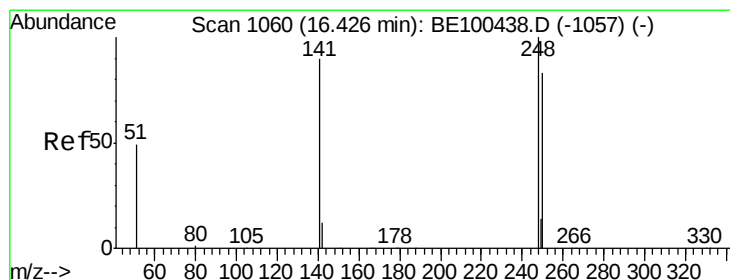
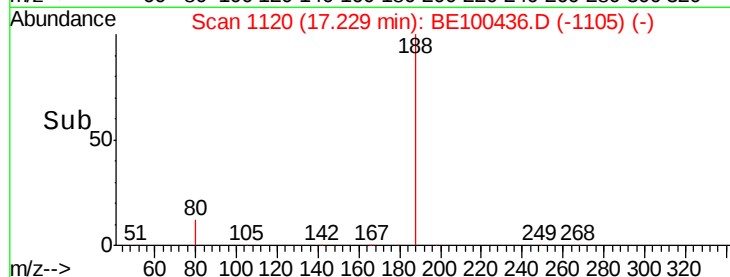
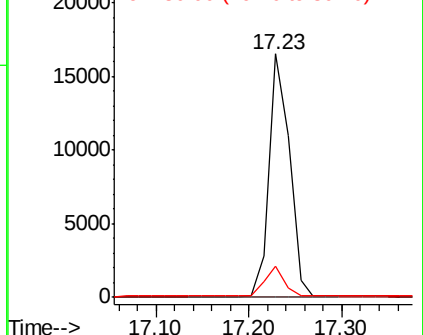
80 12.8 9.2 13.8



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: 0.100 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

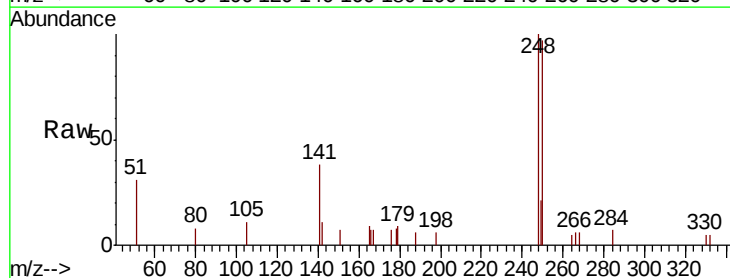
Tgt Ion:248 Resp: 1291

Ion Ratio Lower Upper

248 100

250 97.1 67.1 100.7

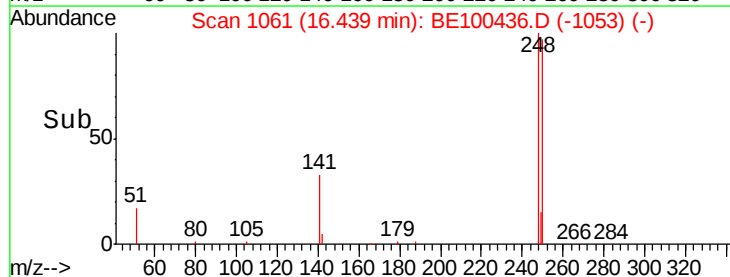
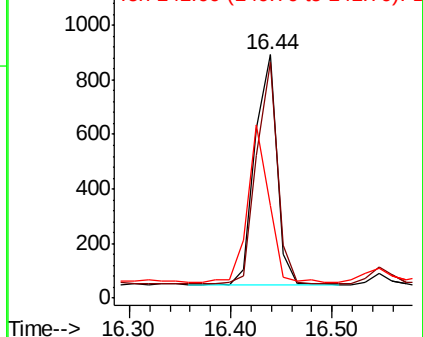
141 38.1 72.2 108.2#

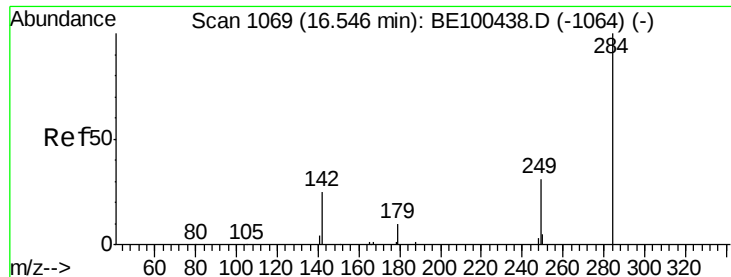


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.102 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

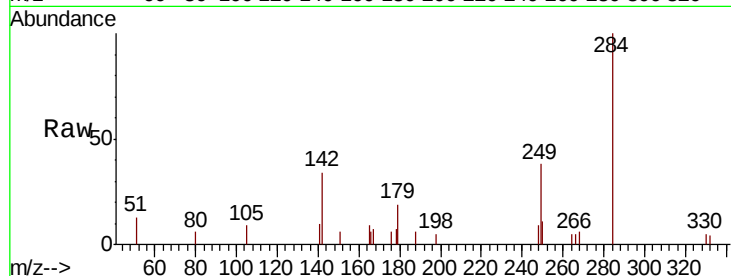
Tot Ion:284 Resp: 1515

Ion Ratio Lower Upper

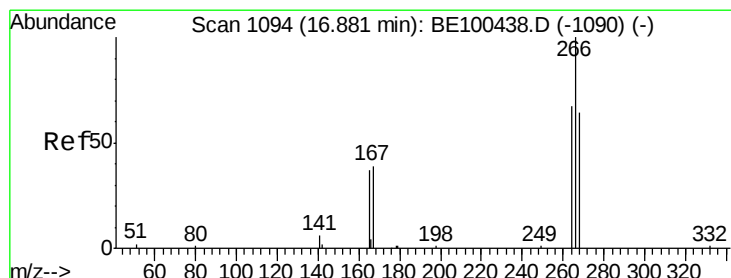
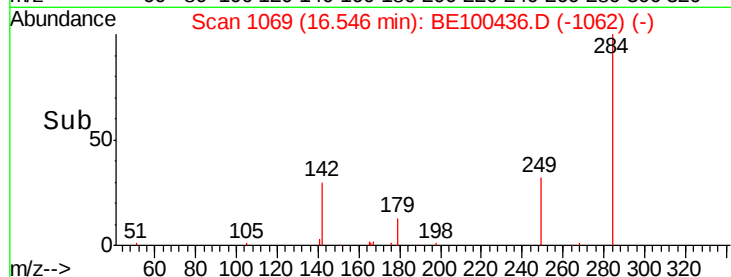
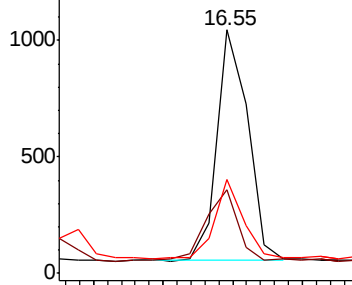
284 100

142 31.2 25.6 38.4

249 32.4 25.1 37.7



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: 0.070 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

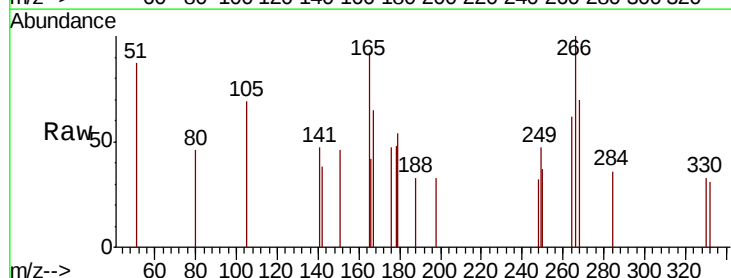
Tgt Ion:266 Resp: 204

Ion Ratio Lower Upper

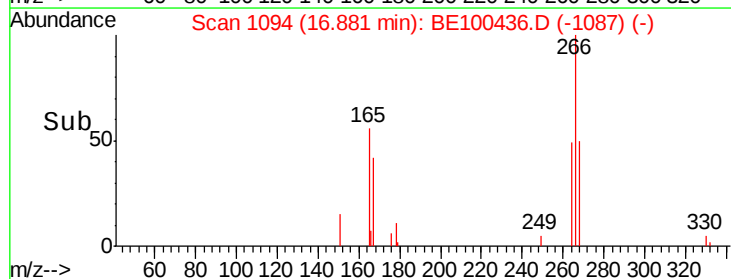
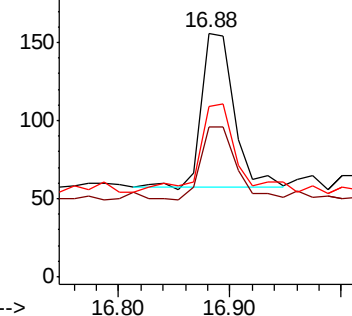
266 100

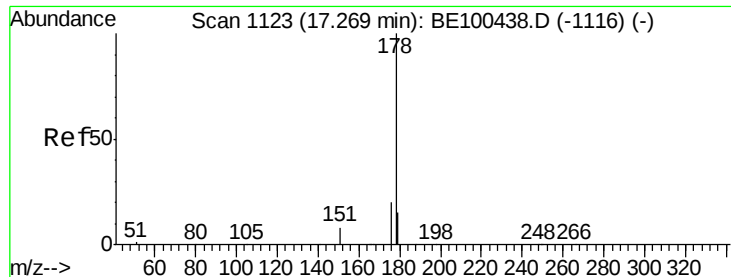
264 61.5 56.2 84.2

268 69.9 54.9 82.3



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: 0.106 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

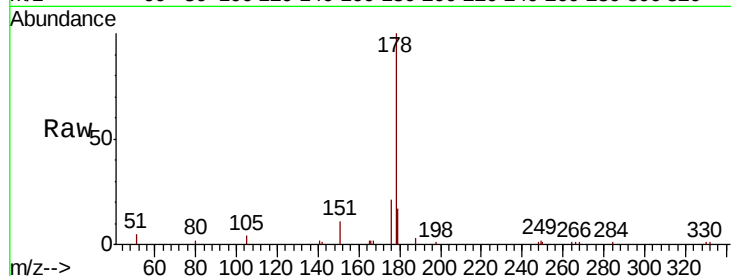
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 6996

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.8	12.4	18.6

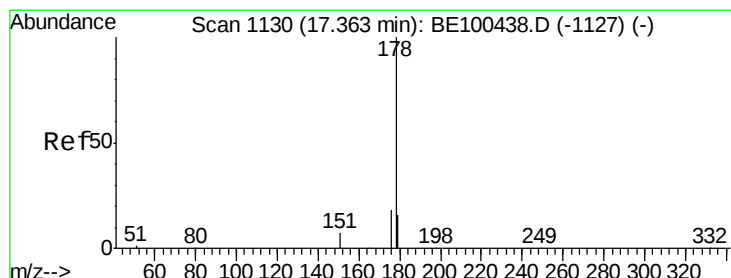
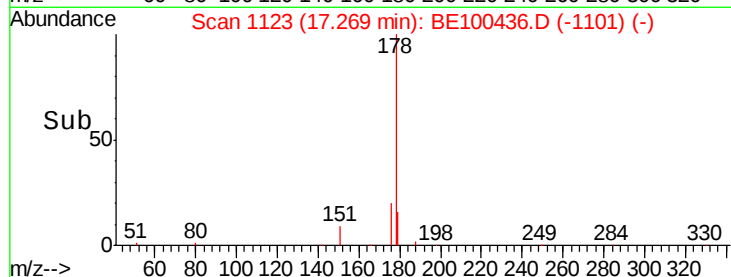
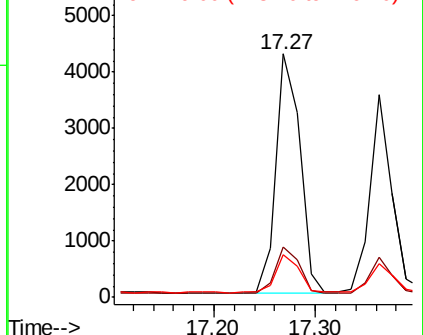


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.095 ng

RT: 17.36 min Scan# 1130

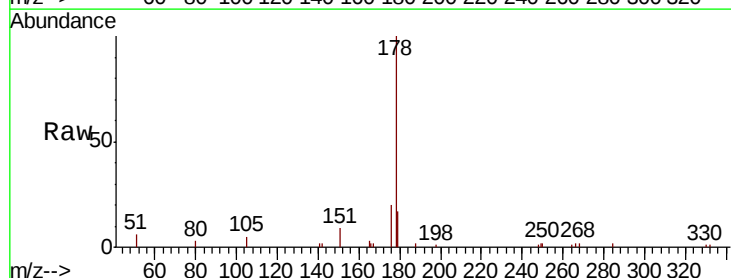
Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Tgt Ion:178 Resp: 5300

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.2	12.3	18.5

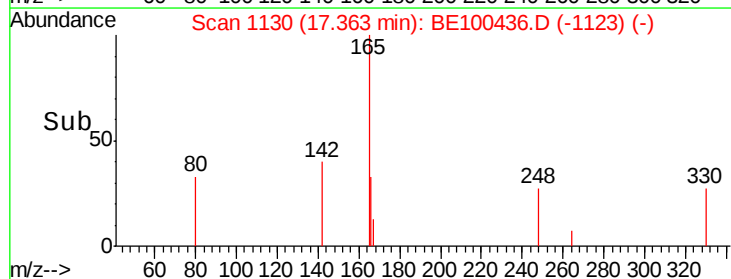
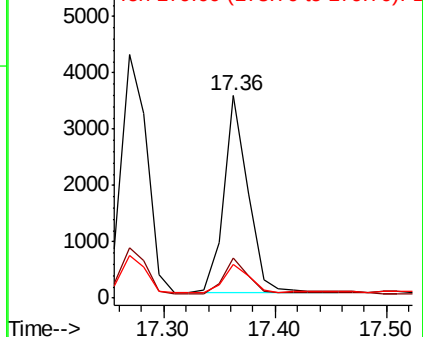


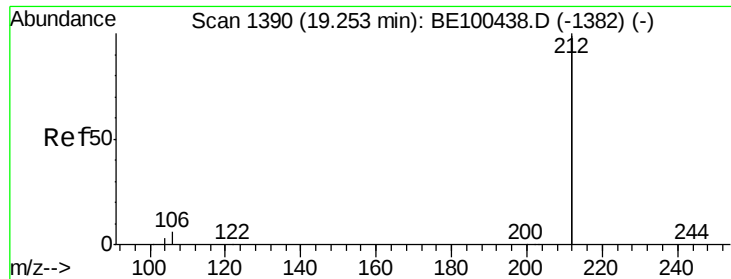
Abundance

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: 0.064 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

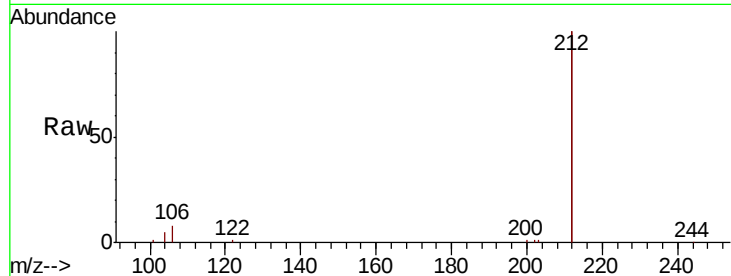
Tot Ion:212 Resp: 28859

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

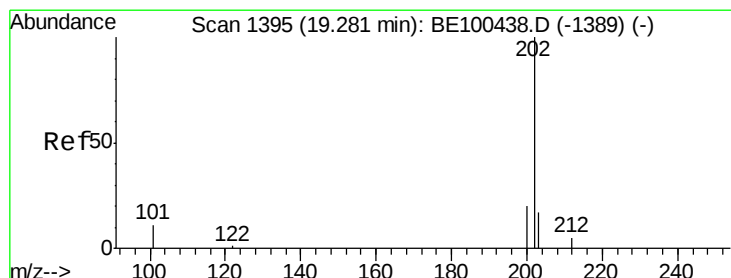
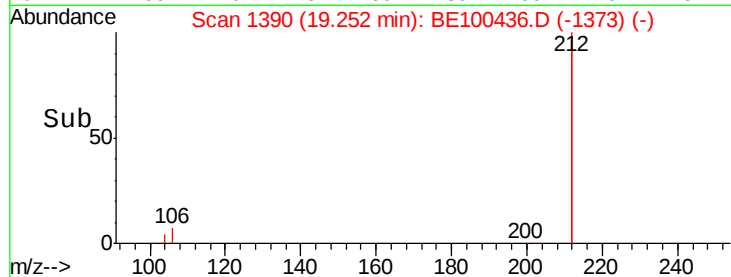
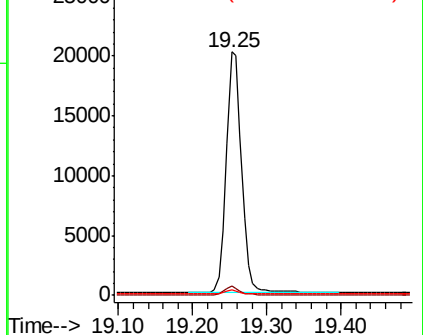
104 2.0 1.4 2.2



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: 0.090 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

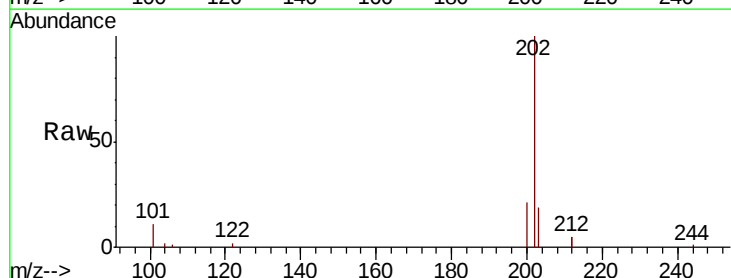
Tgt Ion:202 Resp: 7661

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

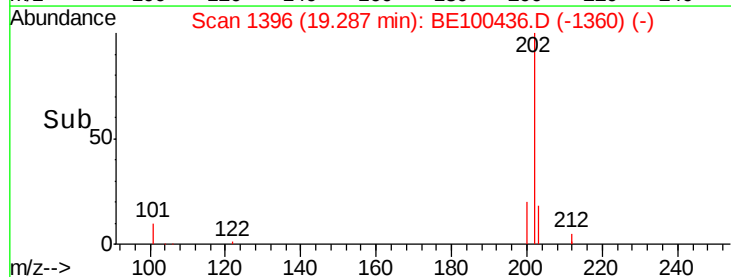
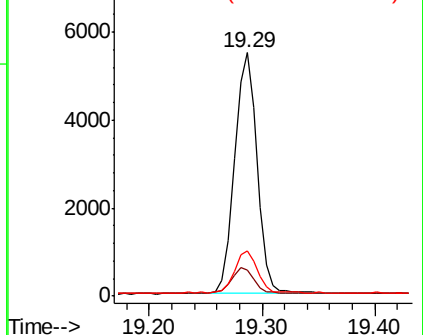
203 17.8 13.8 20.6

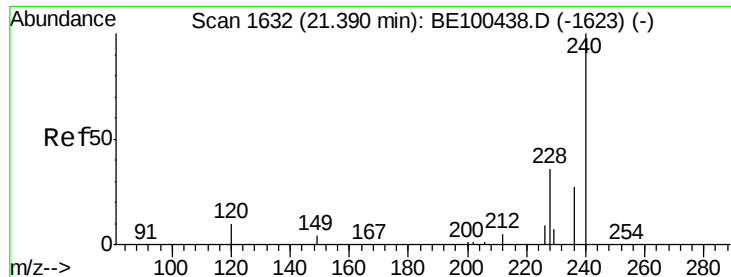


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

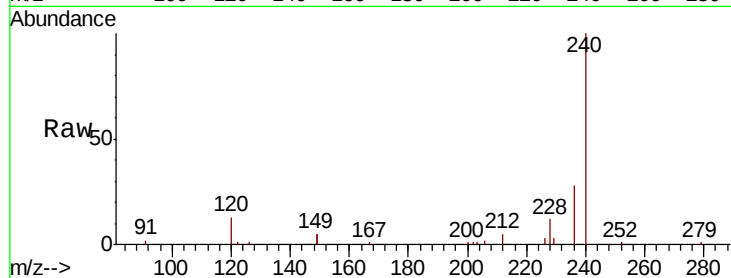
Tot Ion:240 Resp: 24110

Ion Ratio Lower Upper

240 100

120 13.0 8.8 13.2

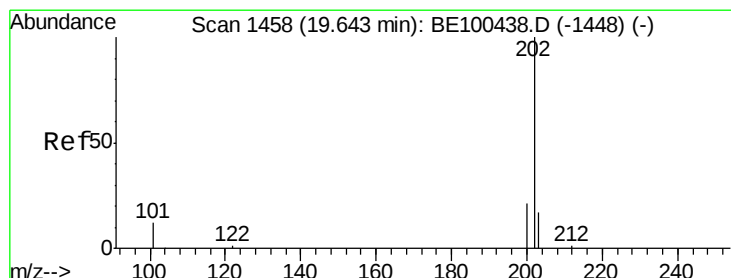
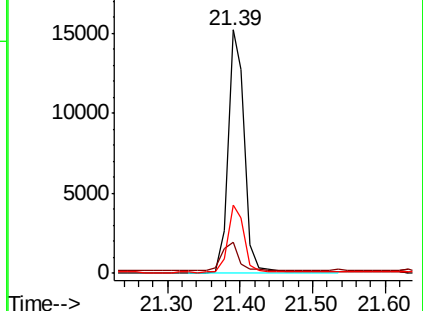
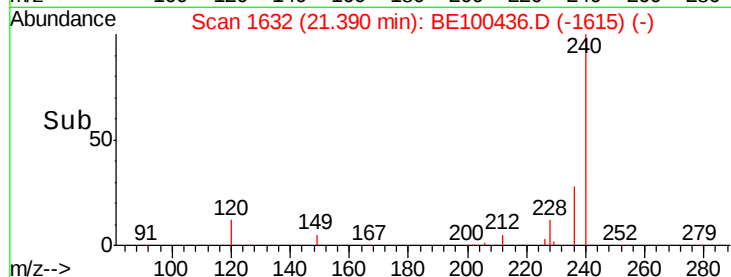
236 28.0 22.0 33.0



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: 0.110 ng

RT: 19.64 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

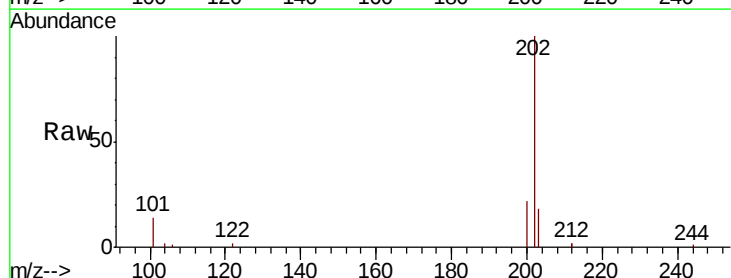
Tgt Ion:202 Resp: 7777

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

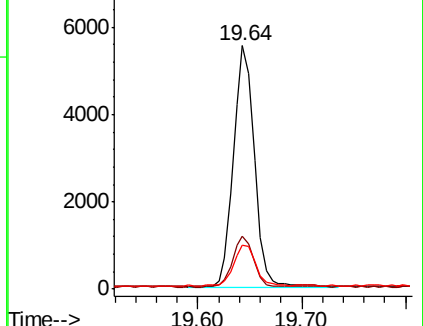
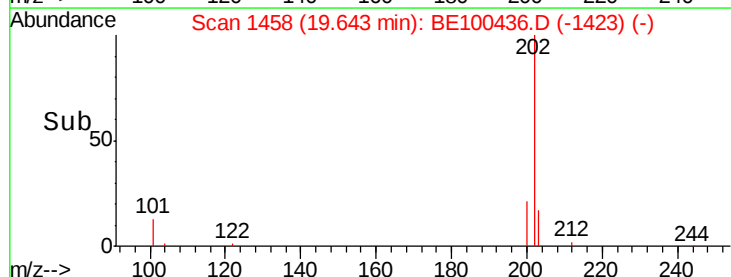
203 17.7 13.8 20.8

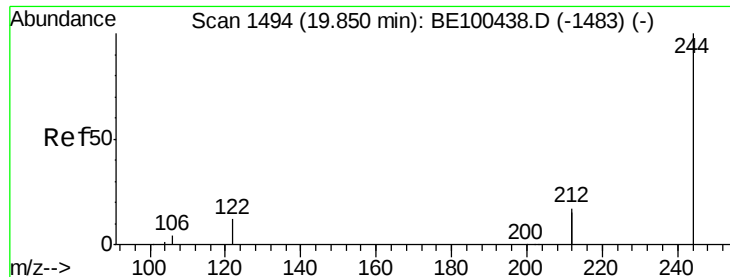


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.112 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

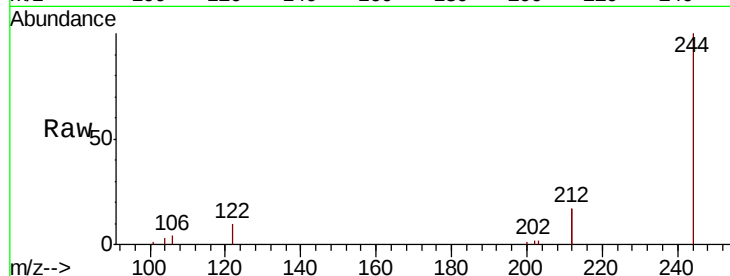
Tot Ion:244 Resp: 6579

Ion Ratio Lower Upper

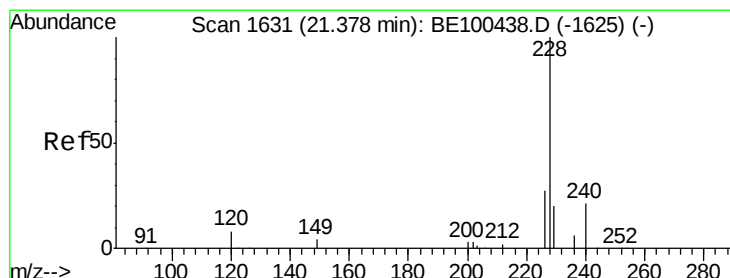
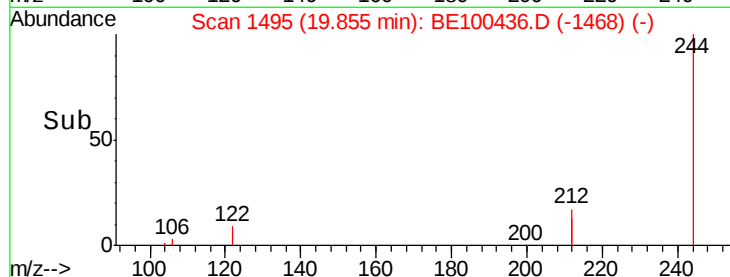
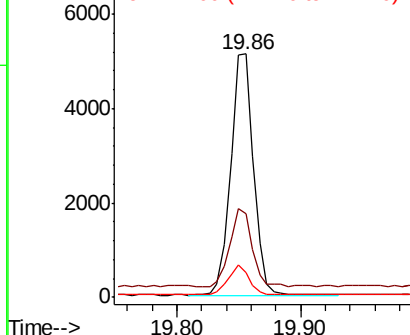
244 100

212 34.5 26.3 39.5

122 10.2 9.4 14.2



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: 0.097 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

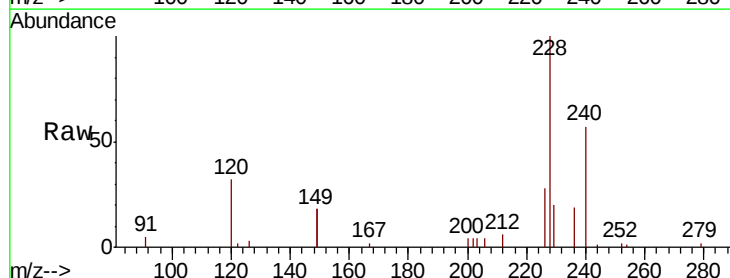
Tgt Ion:228 Resp: 6428

Ion Ratio Lower Upper

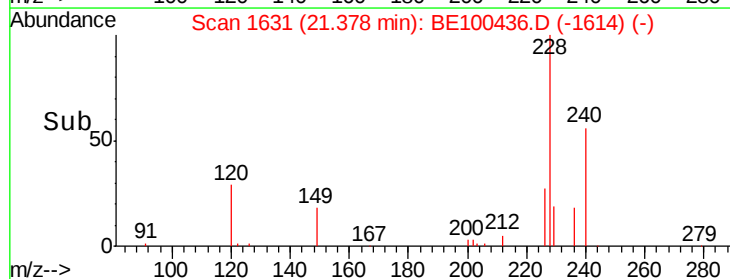
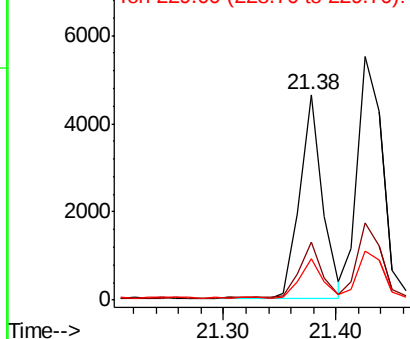
228 100

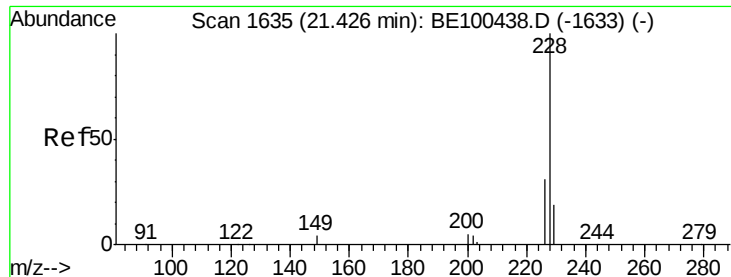
226 28.0 21.6 32.4

229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.107 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

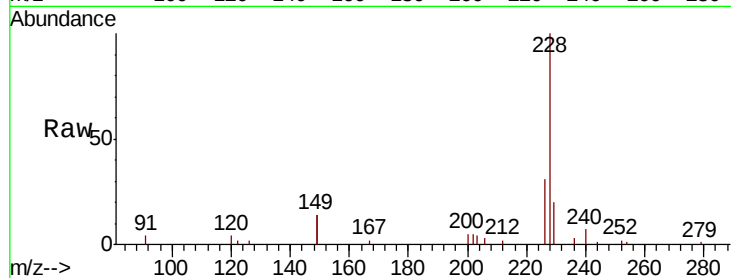
Tot Ion:228 Resp: 8333

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

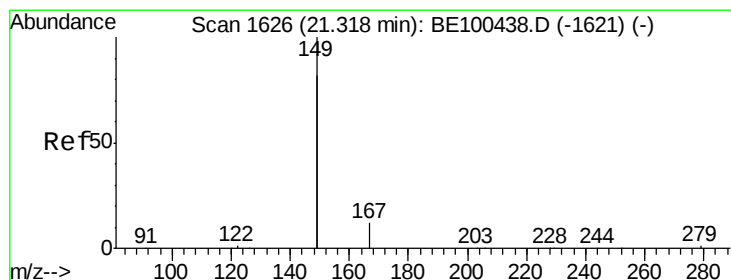
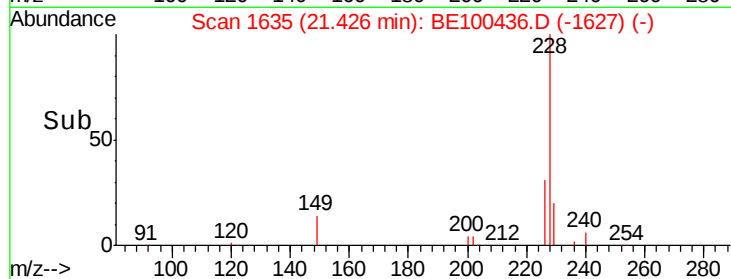
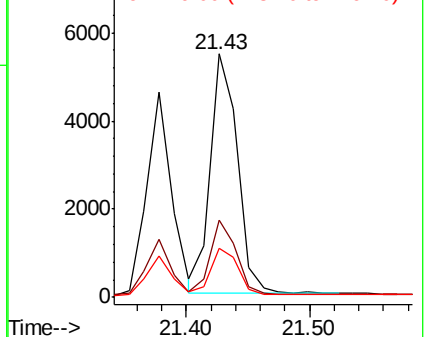
229 20.4 15.8 23.6



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: 0.102 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

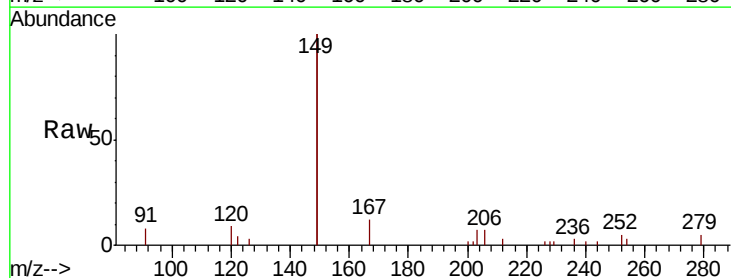
Tgt Ion:149 Resp: 5178

Ion Ratio Lower Upper

149 100

167 7.4 5.0 7.6

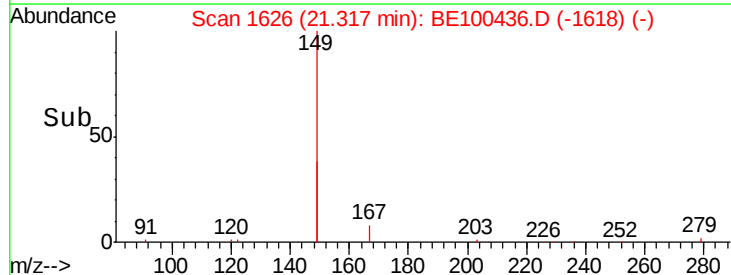
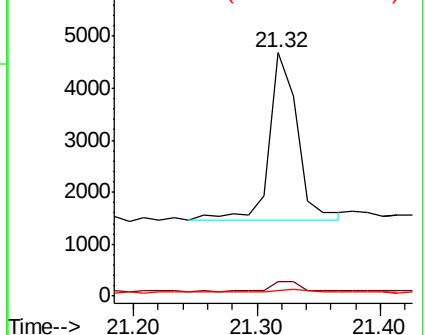
279 4.9 1.2 1.8#

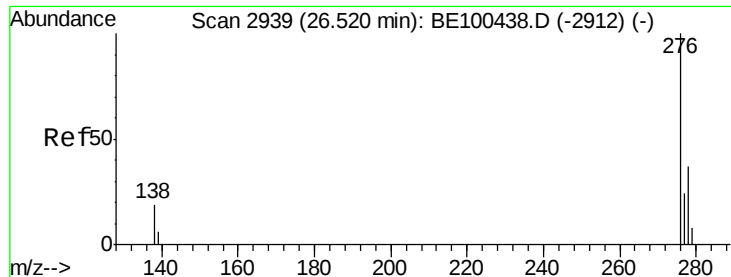


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

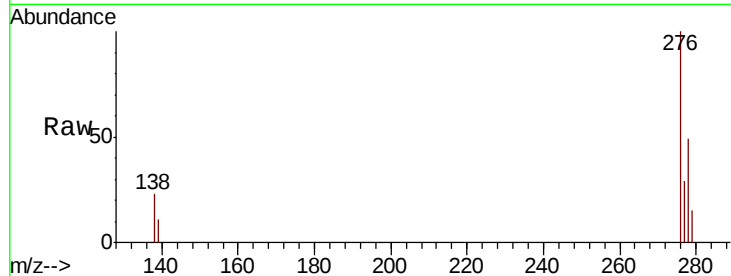




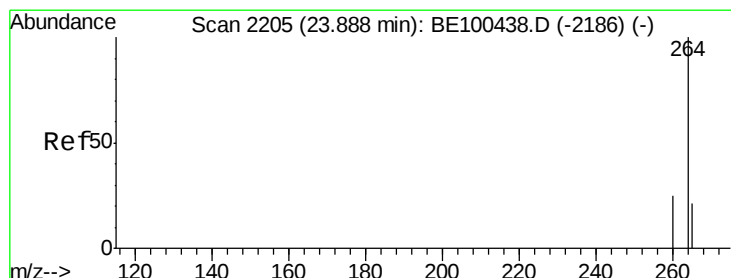
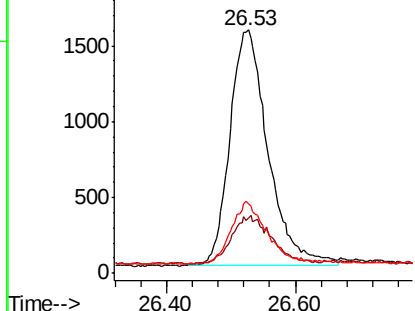
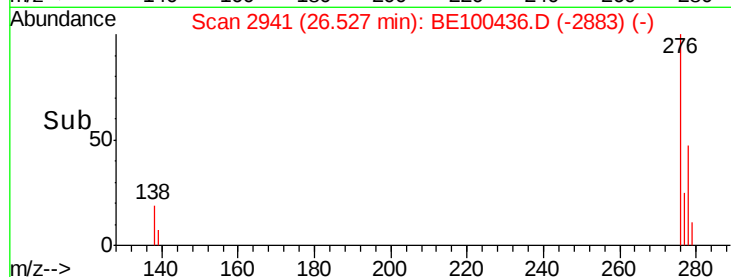
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 6440
Ion Ratio Lower Upper
276 100
138 20.0 17.0 25.6
277 23.9 19.8 29.6

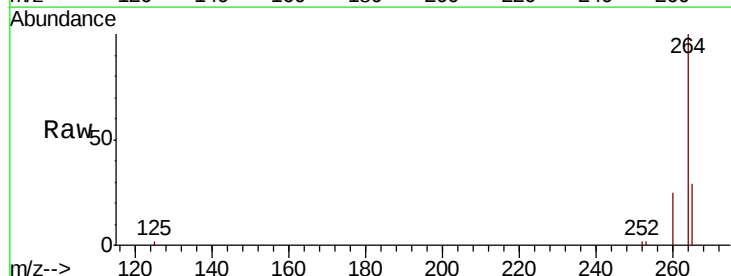


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

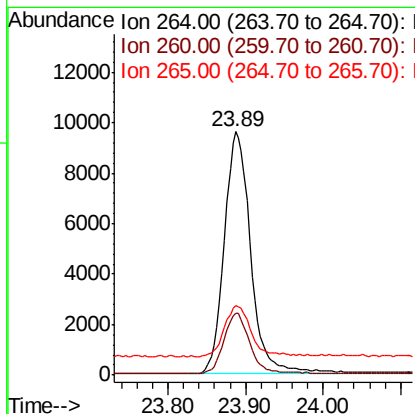
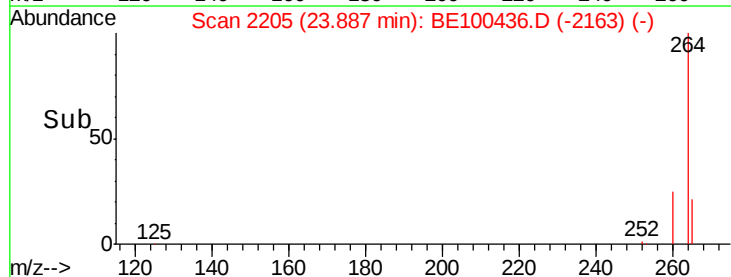


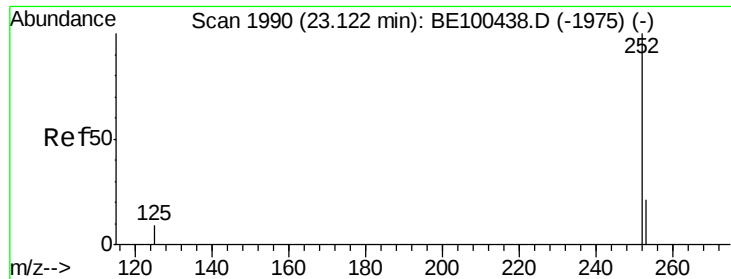
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:264 Resp: 22688
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 28.5 22.2 33.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

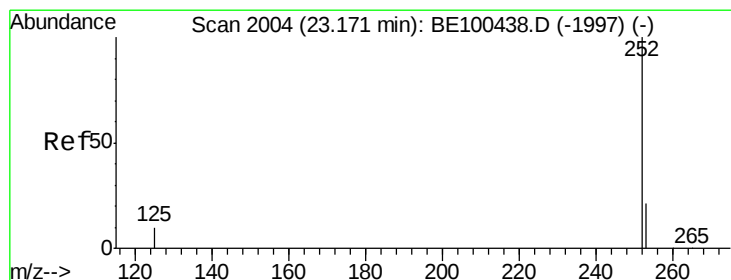
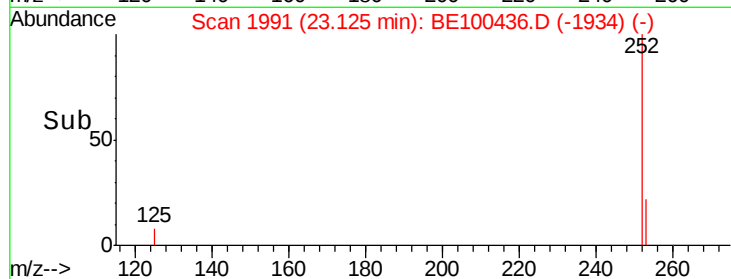
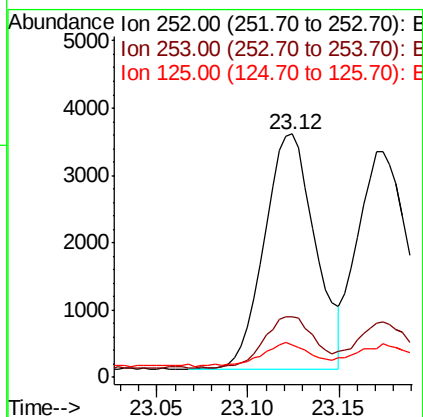
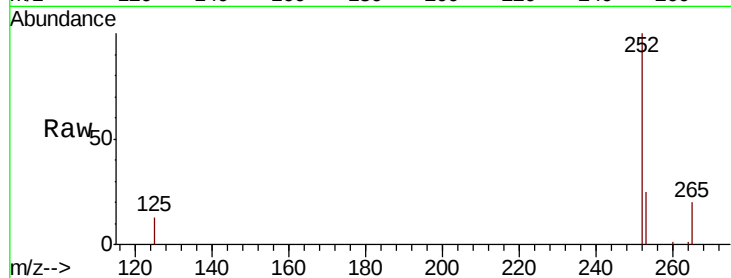




#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 23.12 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

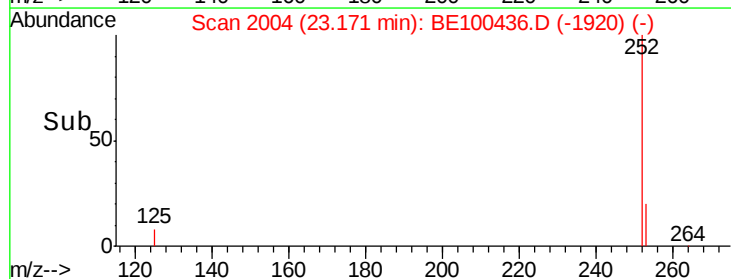
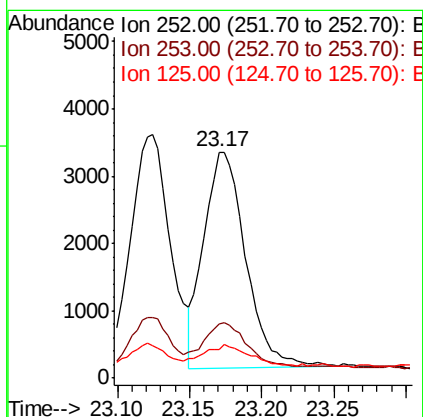
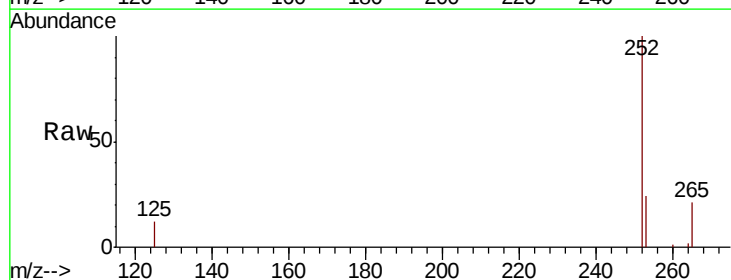
Instrument :
BNA_E
ClientSampleId :

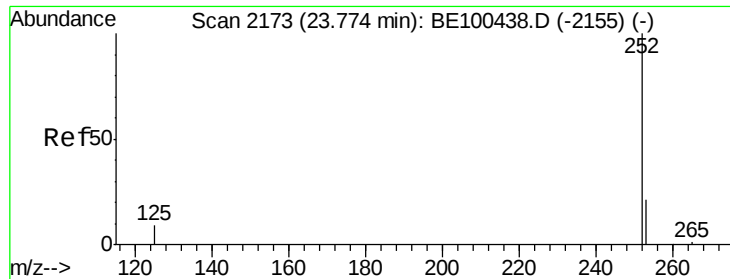
Tot Ion:252 Resp: 6784
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 13.3 8.0 12.0#



#36
Benzo(k)fluoranthene
Concen: 0.086 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion:252 Resp: 6443
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.4 8.3 12.5





#37

Benzo(a)pyrene

Concen: 0.084 ng

RT: 23.78 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

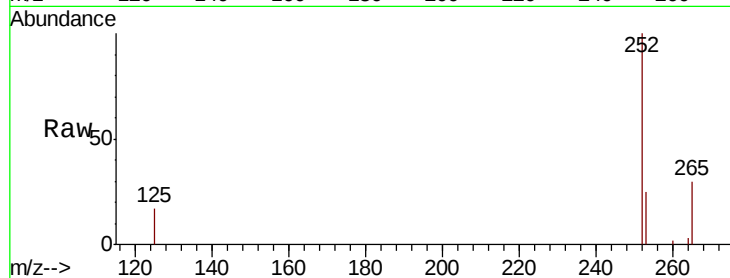
Tot Ion:252 Resp: 4998

Ion Ratio Lower Upper

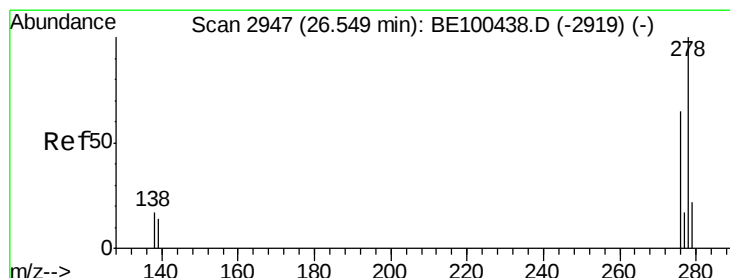
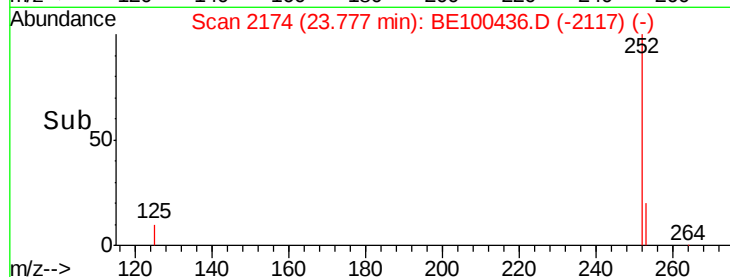
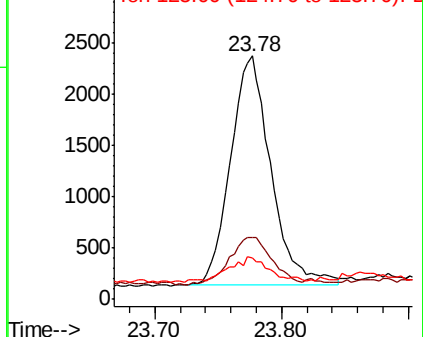
252 100

253 25.5 18.0 27.0

125 16.9 9.0 13.6#



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: 0.083 ng

RT: 26.56 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

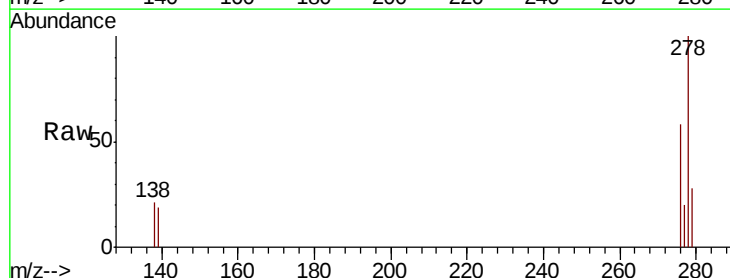
Tgt Ion:278 Resp: 5153

Ion Ratio Lower Upper

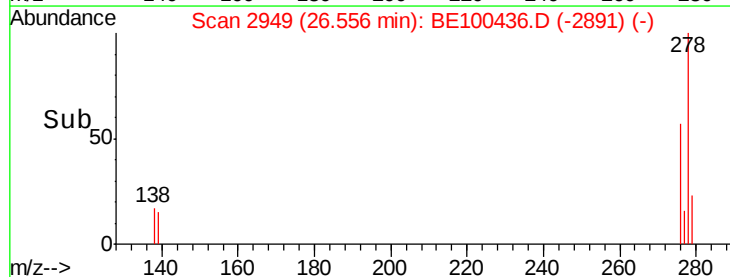
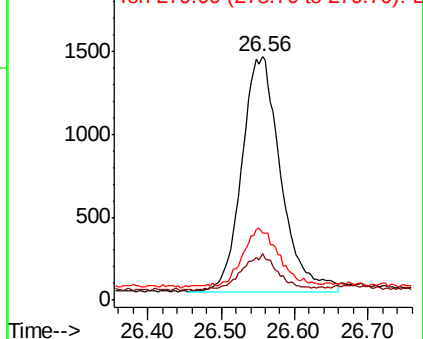
278 100

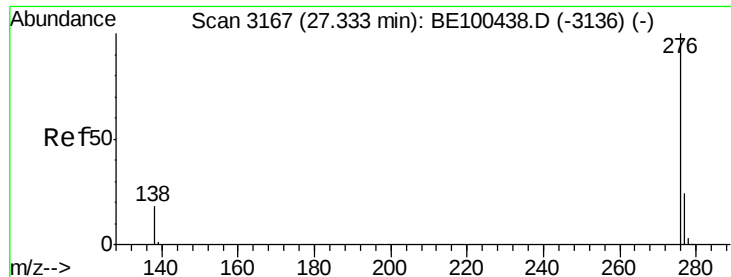
139 19.1 12.2 18.2#

279 27.7 18.6 27.8



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: 0.094 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

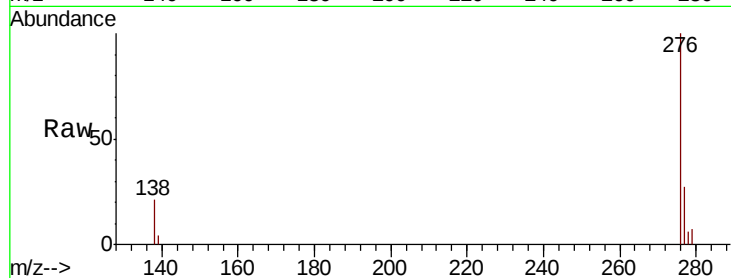
Tot Ion: 276 Resp: 6096

Ion Ratio Lower Upper

276 100

277 26.7 19.6 29.4

138 21.0 15.1 22.7



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

