

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 :
 SSTDICC0.1

Quant Time: Jul 16 13:13:39 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

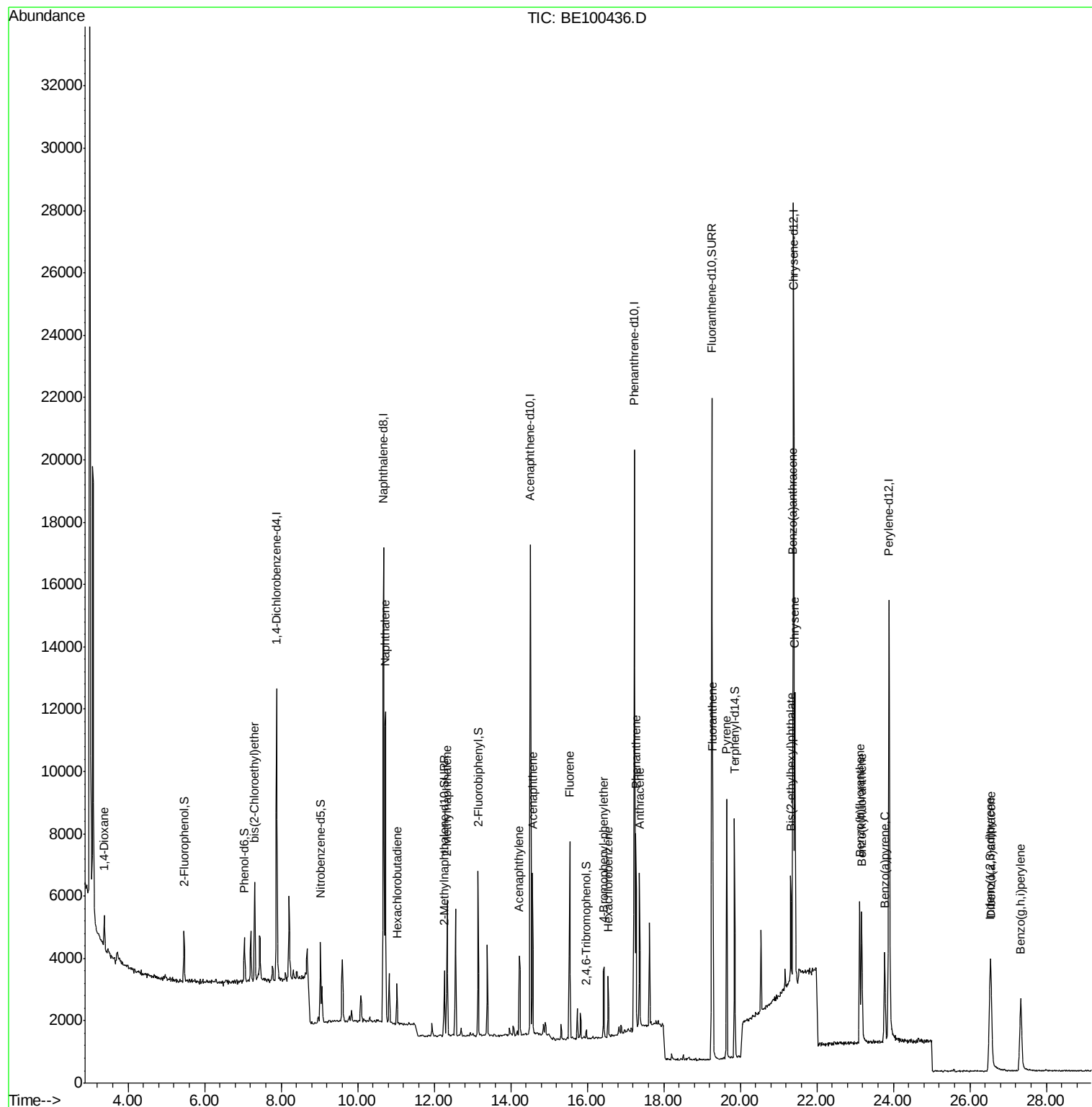
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1106	0.176	ng	# 75
6) bis(2-Chloroethyl)ether	7.31	93	1368	0.110	ng	99
9) Naphthalene	10.73	128	18108	0.107	ng	99
10) Hexachlorobutadiene	11.03	225	915	0.113	ng	98
12) 2-Methylnaphthalene	12.34	142	2926	0.103	ng	97
16) Acenaphthylene	14.23	152	3432	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
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

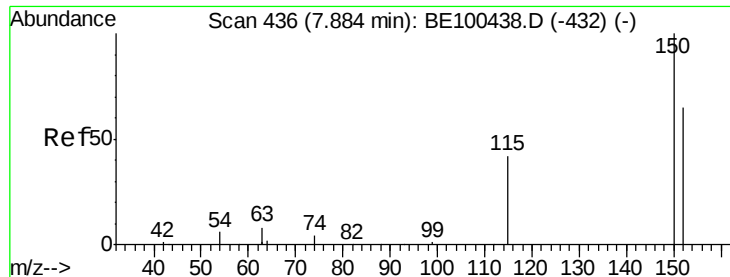
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 12:52:21 2019
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 :

SSTDIC0.1

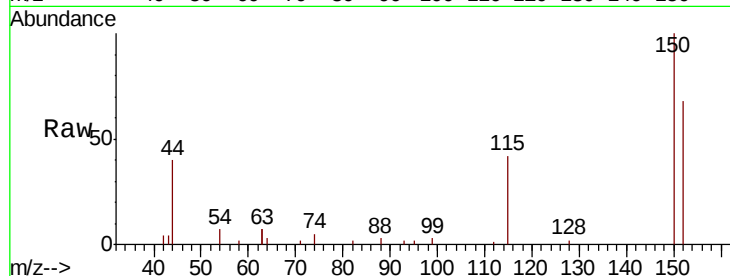
Tot Ion:152 Resp: 4375

Ion Ratio Lower Upper

152 100

150 147.8 121.7 182.5

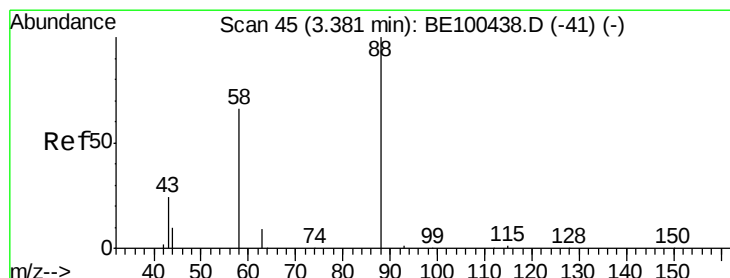
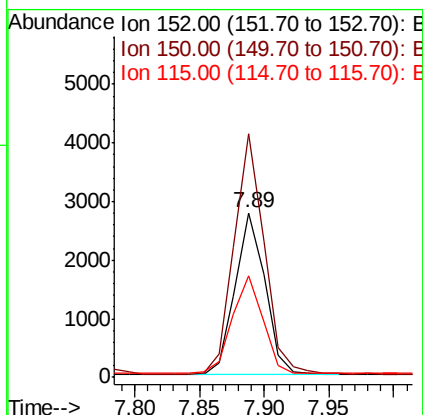
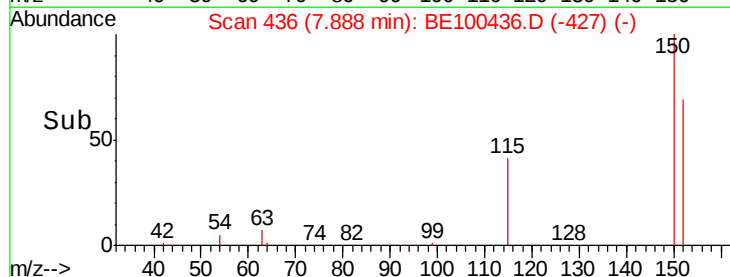
115 61.9 52.4 78.6



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

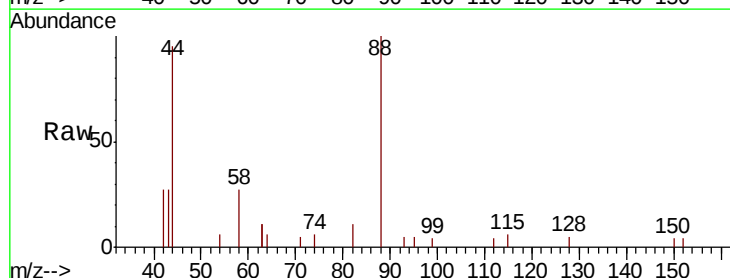
Tgt Ion: 88 Resp: 1106

Ion Ratio Lower Upper

88 100

58 49.4 57.8 86.8#

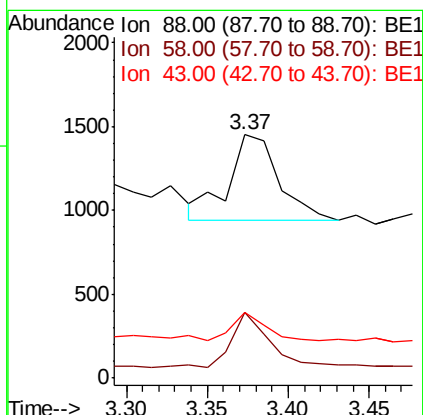
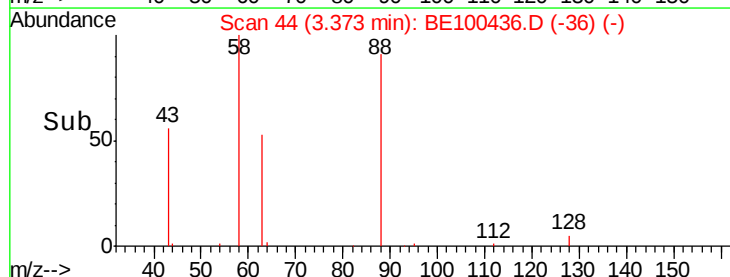
43 20.8 25.0 37.6#

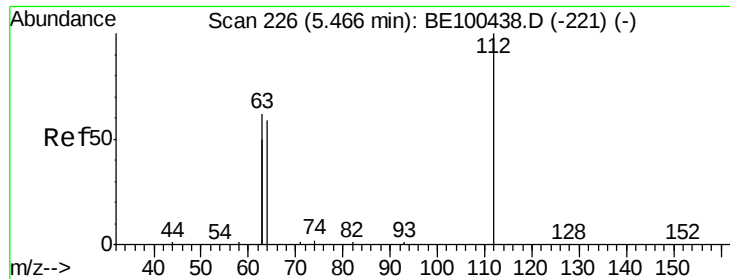


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

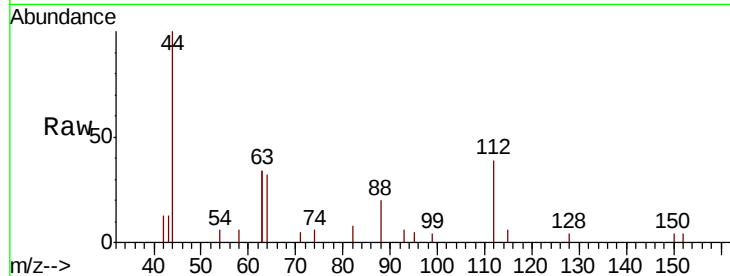
Tot Ion: 112 Resp: 887

Ion Ratio Lower Upper

112 100

64 70.7 55.0 82.4

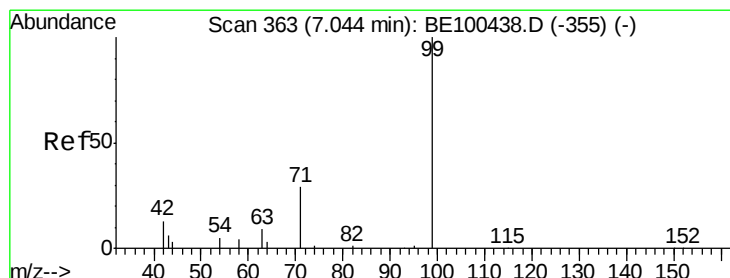
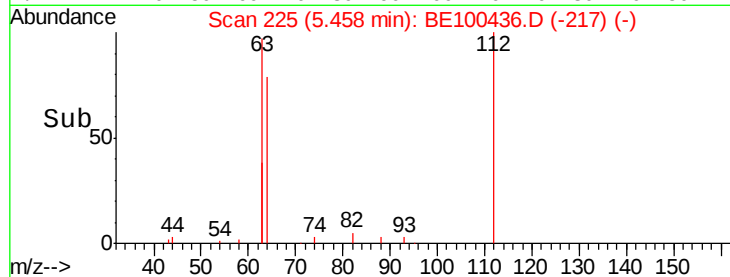
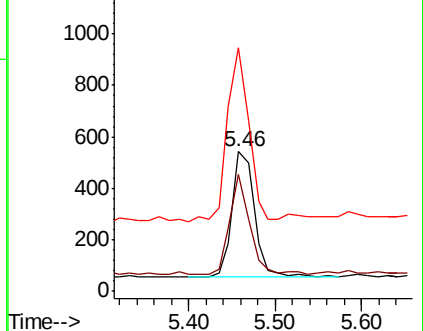
63 132.0 114.8 172.2



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

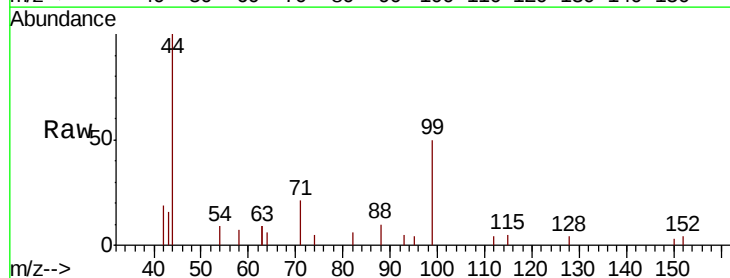
Tgt Ion: 99 Resp: 1271

Ion Ratio Lower Upper

99 100

42 26.6 17.4 26.2#

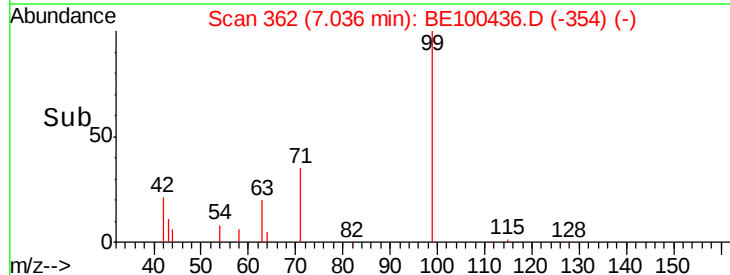
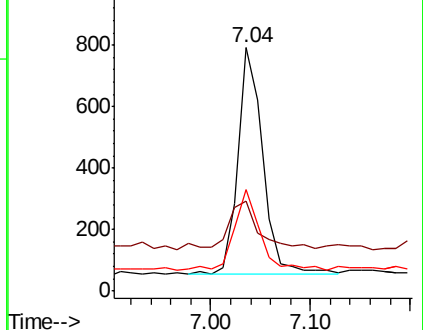
71 38.2 28.2 42.4

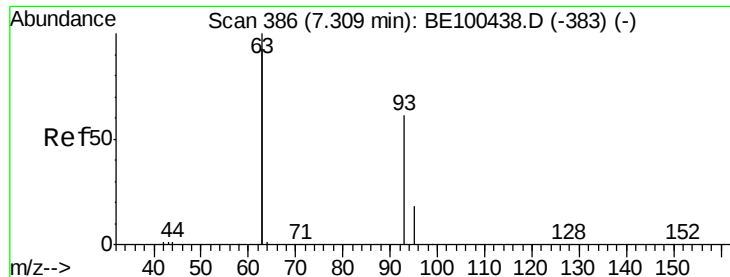


Abundance Ion 99.00 (98.70 to 99.70): BE1

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

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

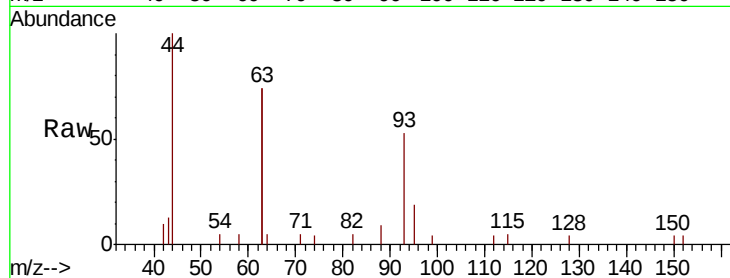
Tot Ion: 93 Resp: 1368

Ion Ratio Lower Upper

93 100

63 333.0 266.9 400.3

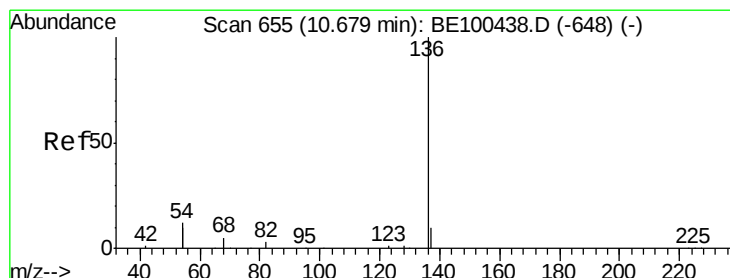
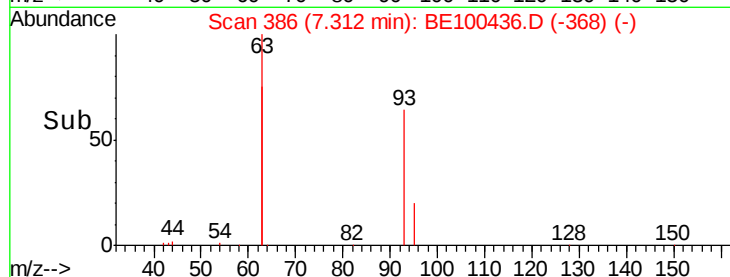
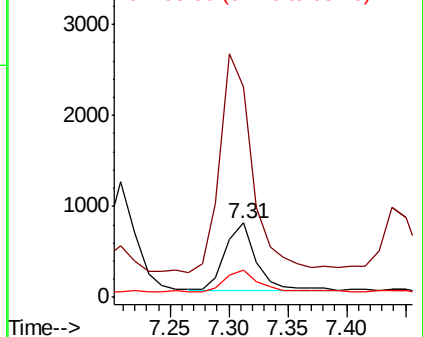
95 31.1 26.8 40.2



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

Tgt Ion:136 Resp: 17360

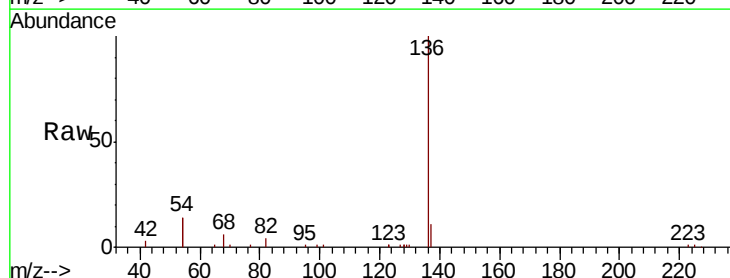
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 27.1 19.6 29.4

68 6.1 4.4 6.6

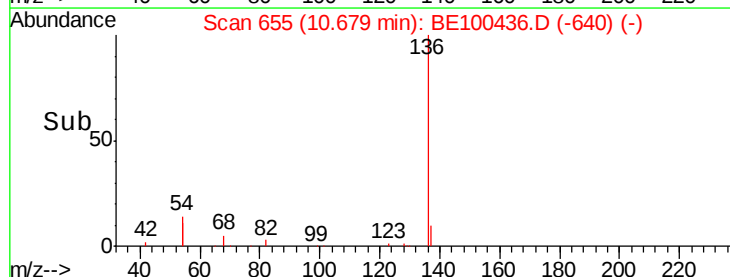
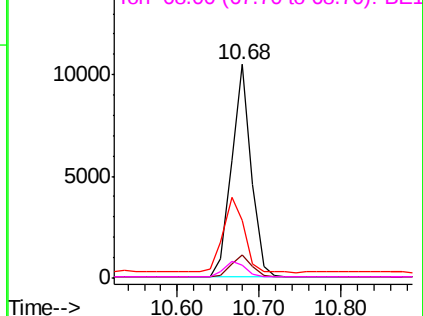


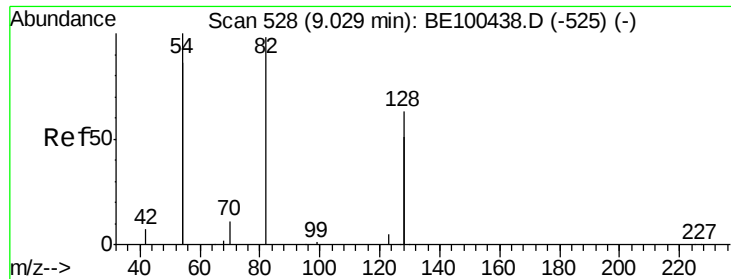
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

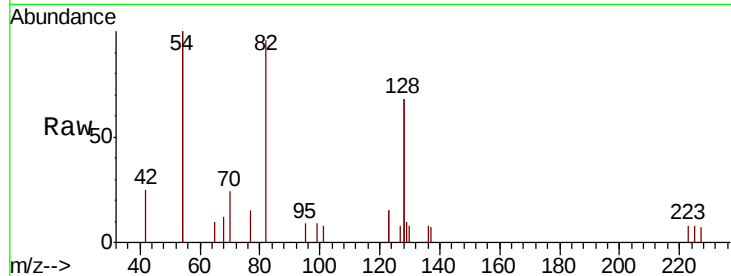
Tot Ion: 82 Resp: 1000

Ion Ratio Lower Upper

82 100

128 142.5 97.9 146.9

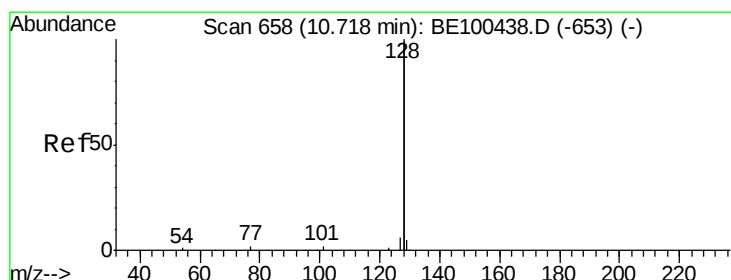
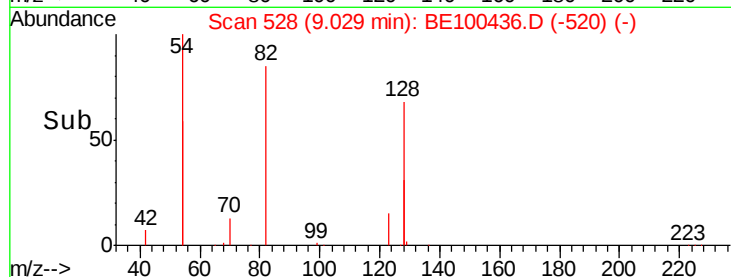
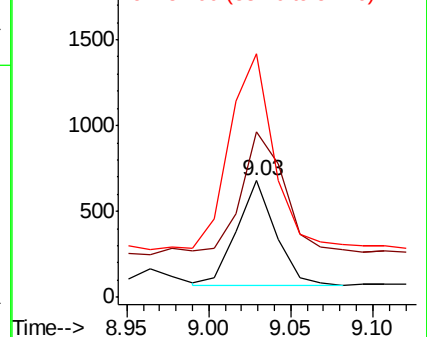
54 209.1 155.0 232.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

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

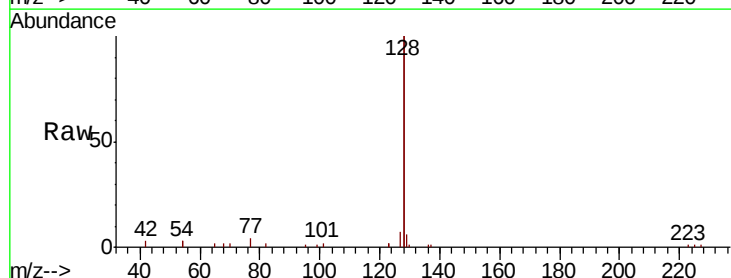
Tgt Ion: 128 Resp: 18108

Ion Ratio Lower Upper

128 100

129 3.2 2.2 3.4

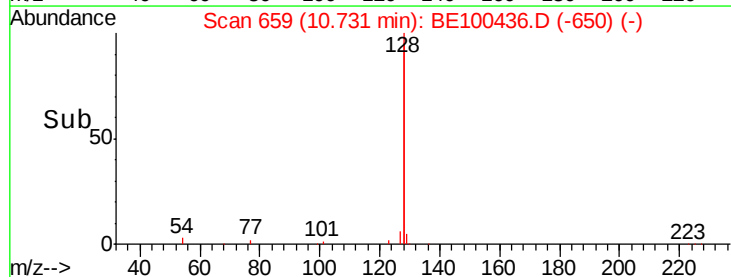
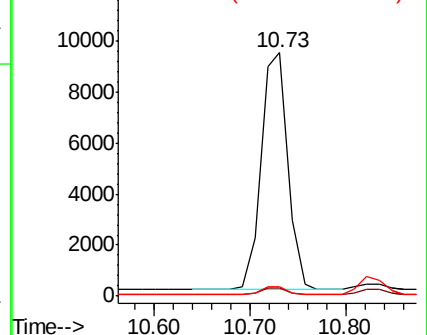
127 3.6 2.7 4.1

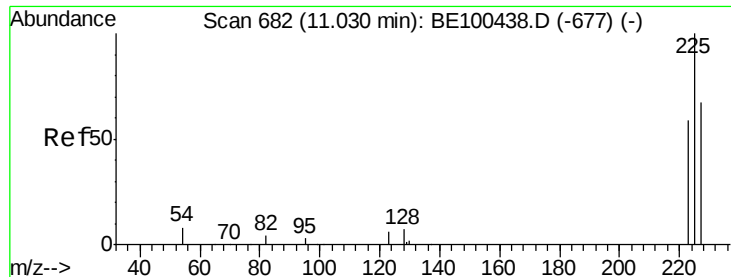


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

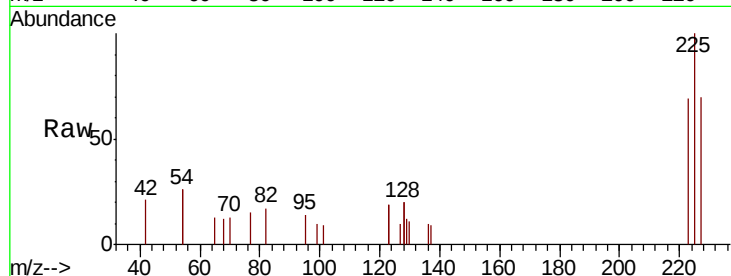




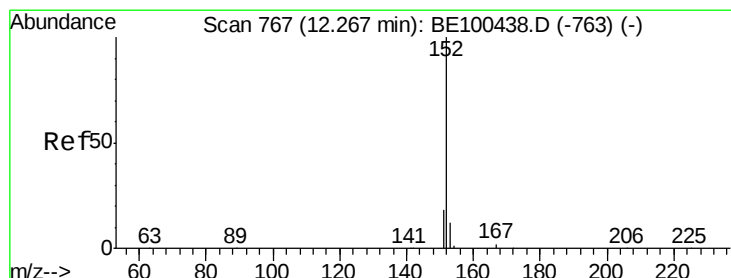
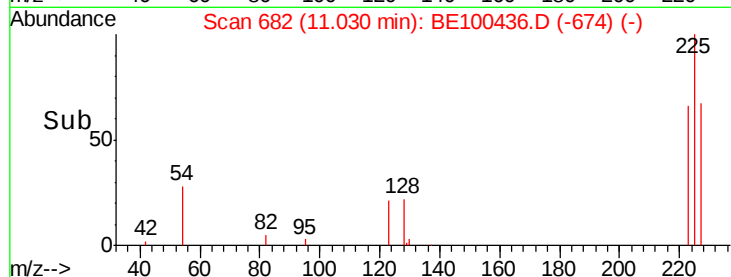
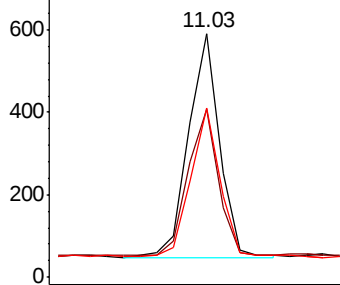
#10
Hexachlorobutadiene
Concen: 0.113 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	62.4	52.3	78.5

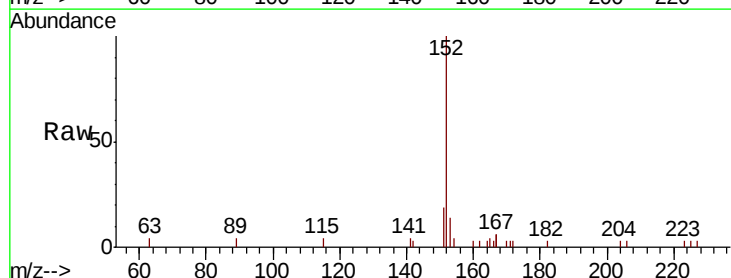


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

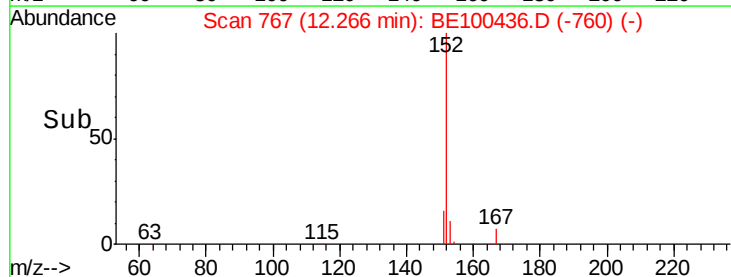
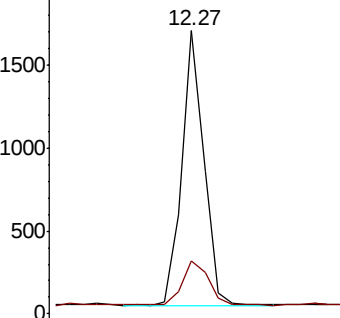


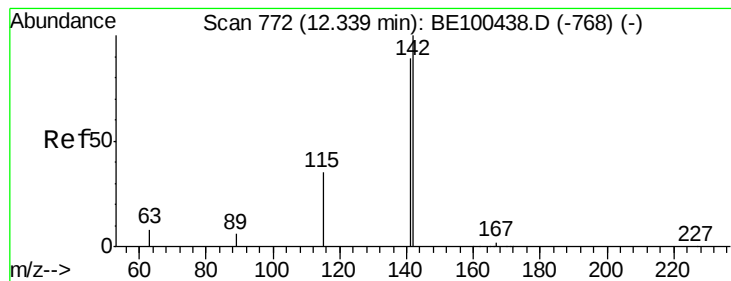
#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0



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





#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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

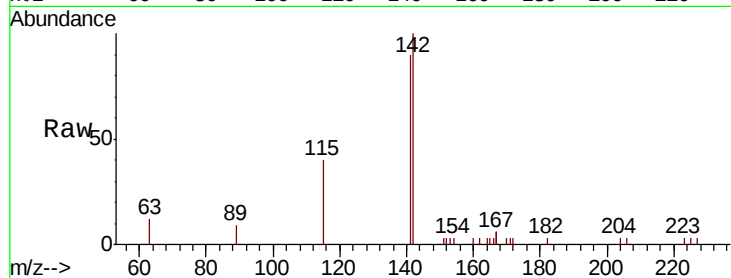
Tot Ion:142 Resp: 2926

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3

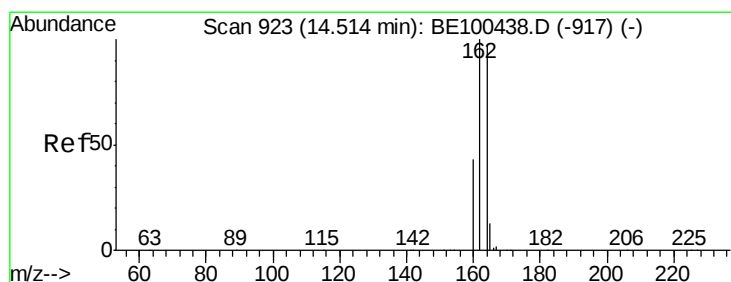
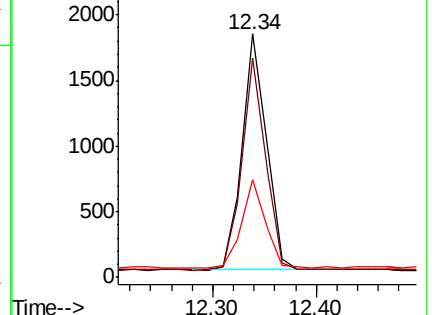
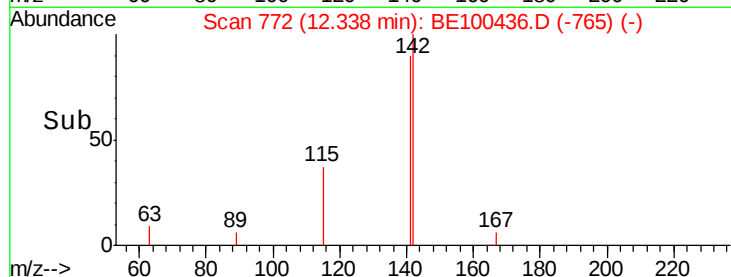
115 40.2 29.0 43.4



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: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

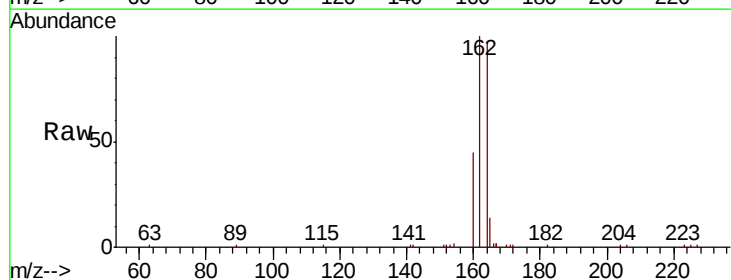
Tgt Ion:164 Resp: 8912

Ion Ratio Lower Upper

164 100

162 103.2 82.6 124.0

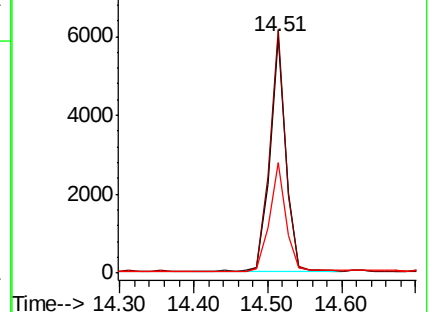
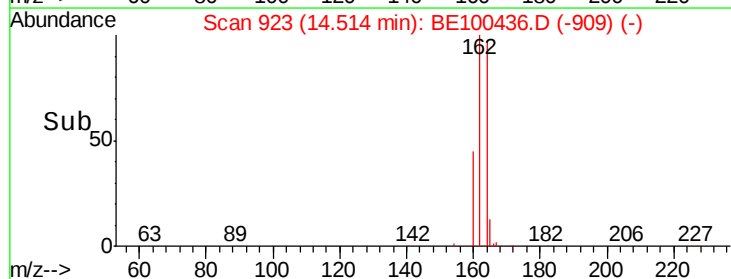
160 46.9 35.6 53.4

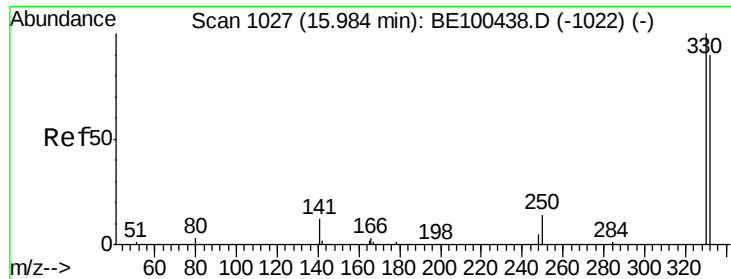


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.087 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

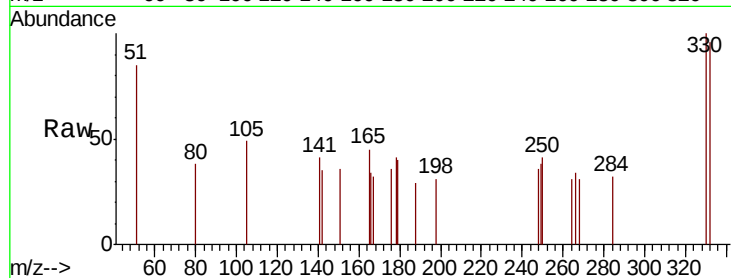
Tot Ion:330 Resp: 200

Ion Ratio Lower Upper

330 100

332 87.0 76.3 114.5

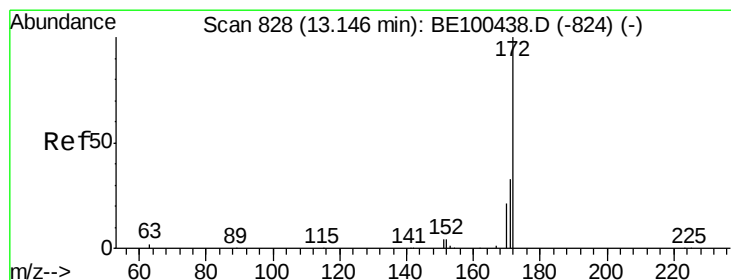
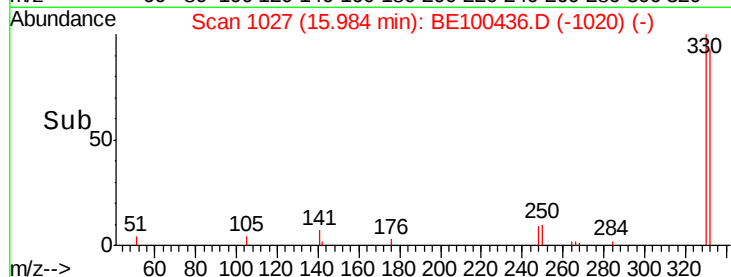
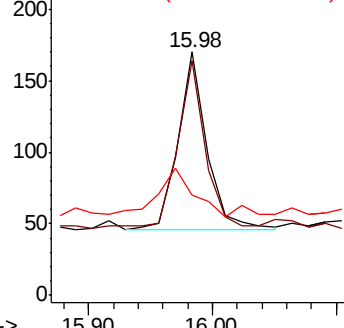
141 33.0 28.1 42.1



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: 0.115 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

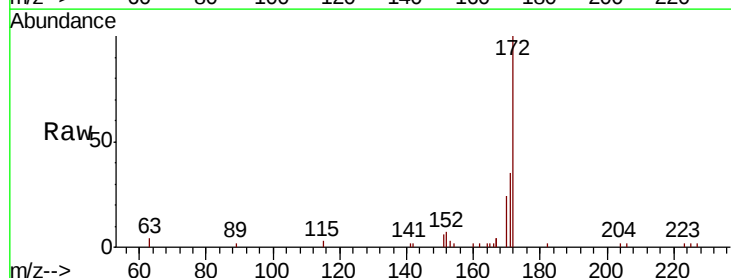
Tgt Ion:172 Resp: 4536

Ion Ratio Lower Upper

172 100

171 35.2 27.0 40.4

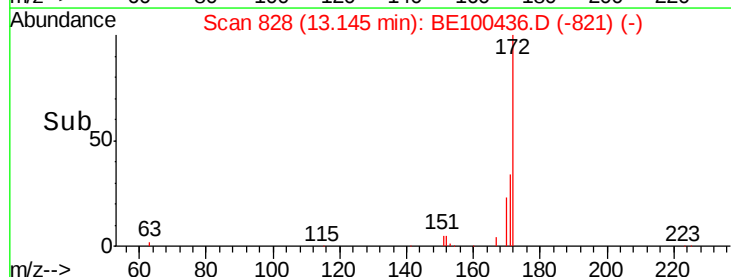
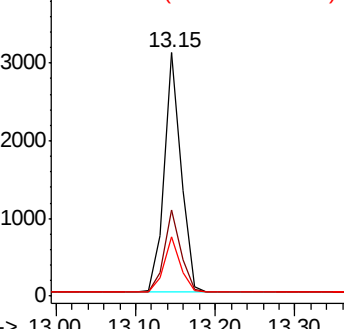
170 24.4 17.4 26.0

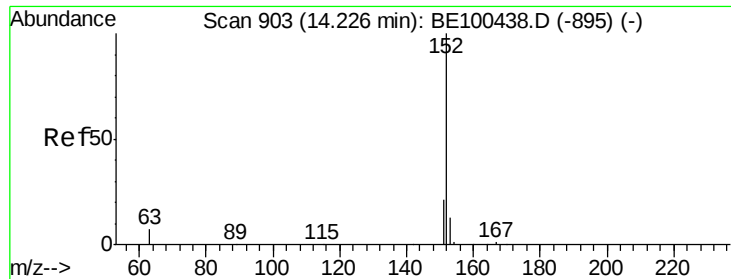


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

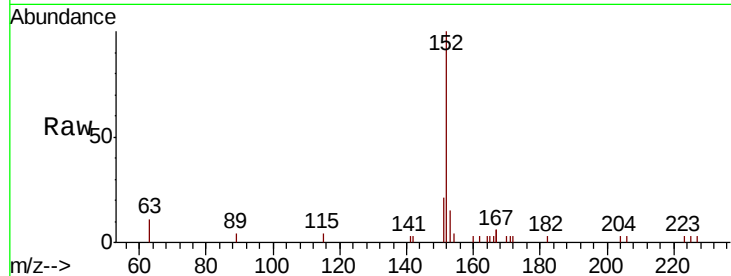




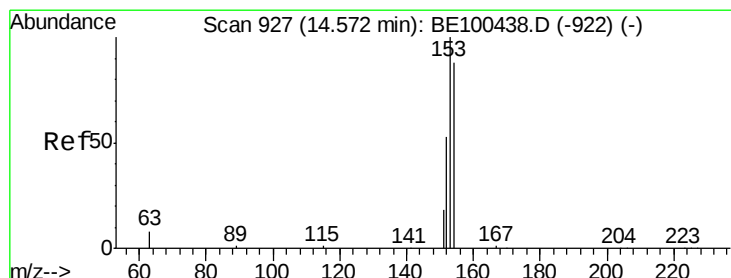
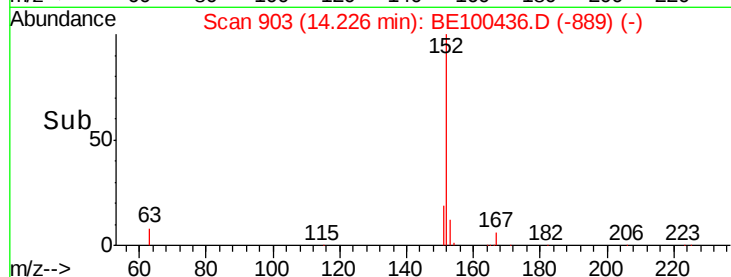
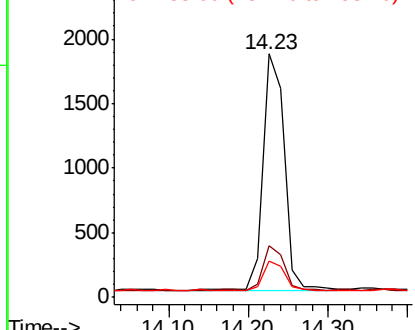
#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

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

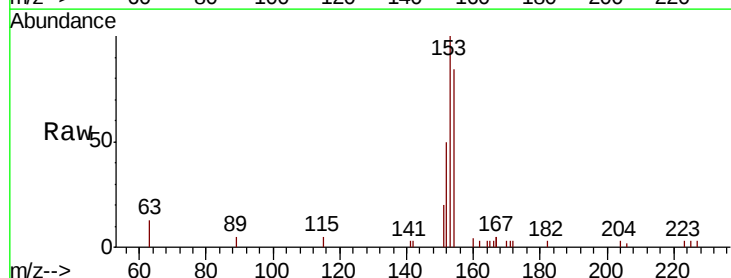


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

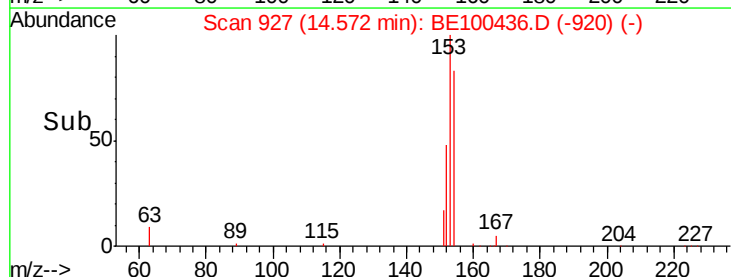
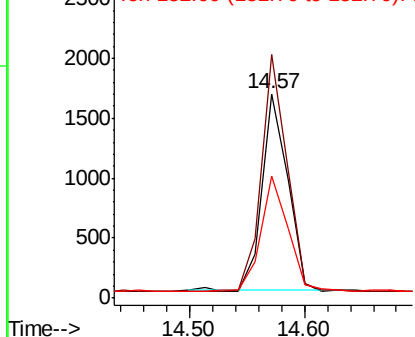


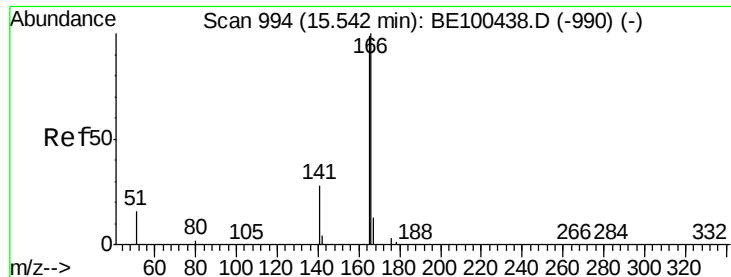
#17
Acenaphthene
Concen: 0.101 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt 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

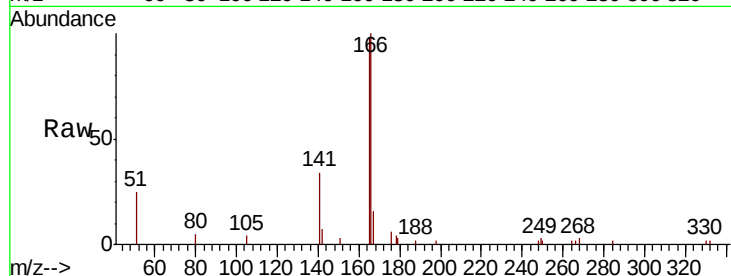




#18
Fluorene
 Concen: 0.101 ng
 RT: 15.54 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BE100436.D
 Acq: 16 Jul 2019 8:32

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	14.7	10.6	15.8

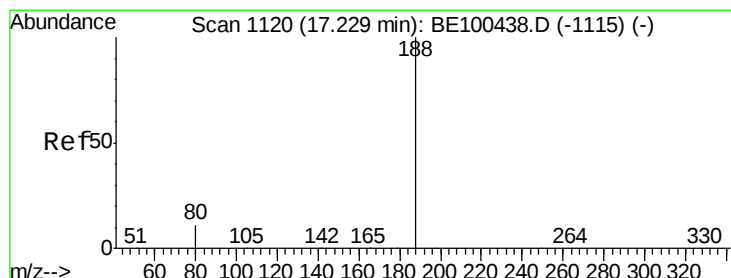
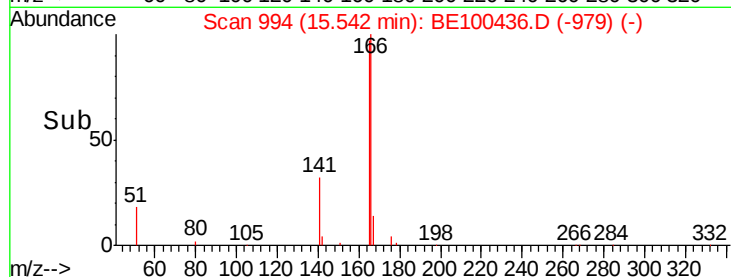
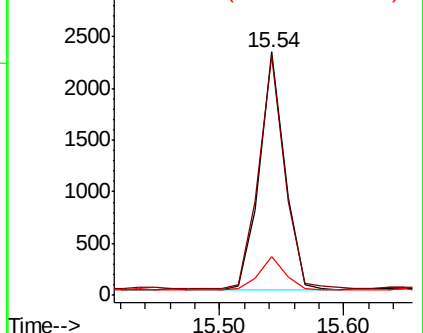


Abundance

Ion 166.00 (165.70 to 166.70): E

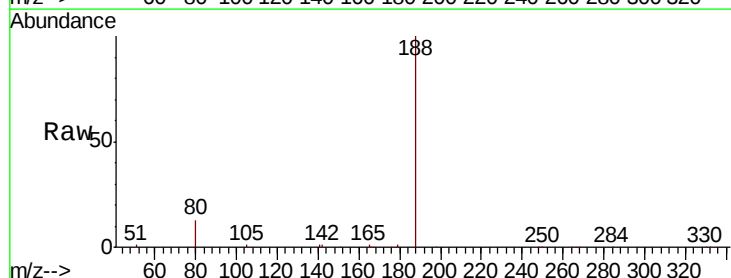
Ion 165.00 (164.70 to 165.70): E

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

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	9.2	13.8

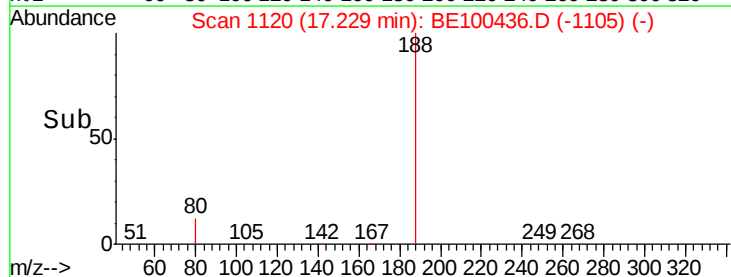
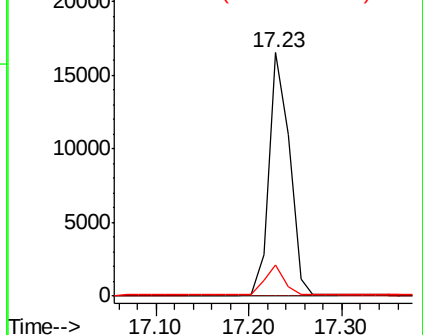


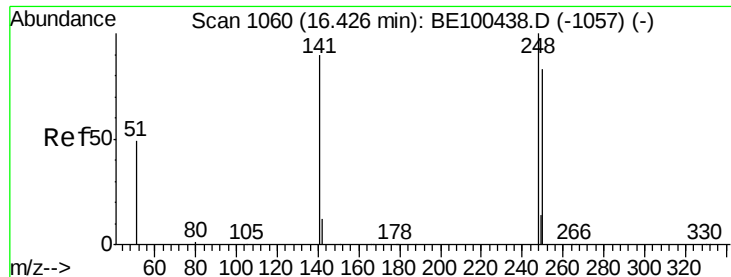
Abundance

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

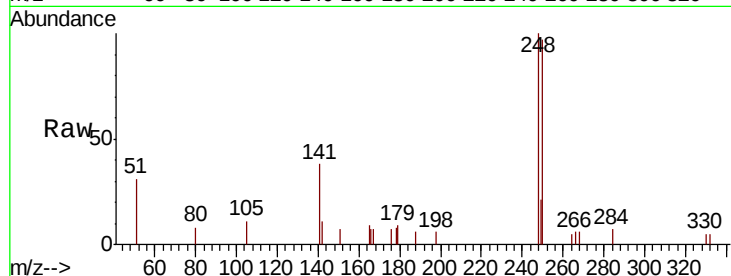




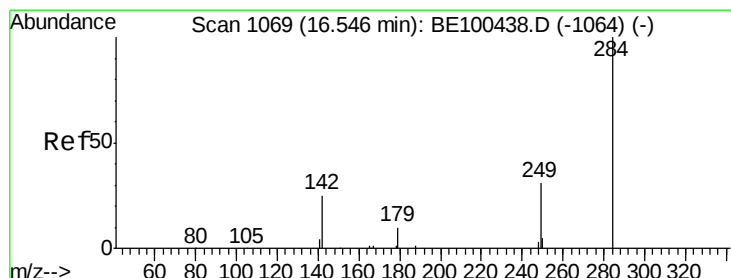
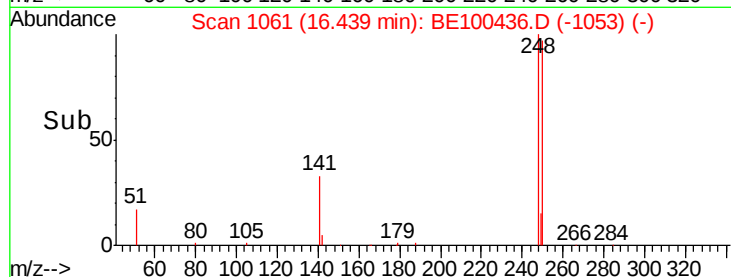
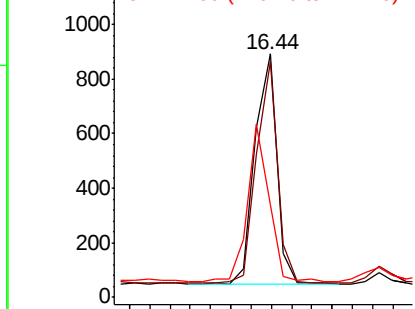
#20
4-Bromophenyl-phenylether
Concen: 0.100 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 1291
Ion Ratio Lower Upper
248 100
250 97.1 67.1 100.7
141 38.1 72.2 108.2#

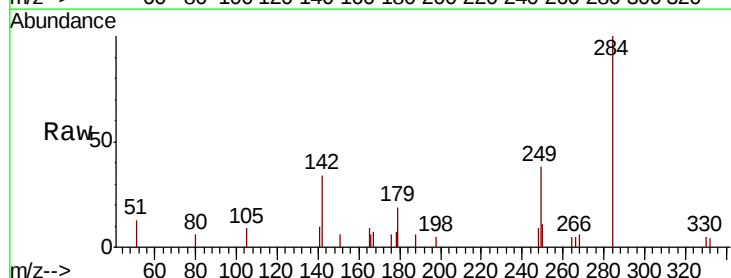


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

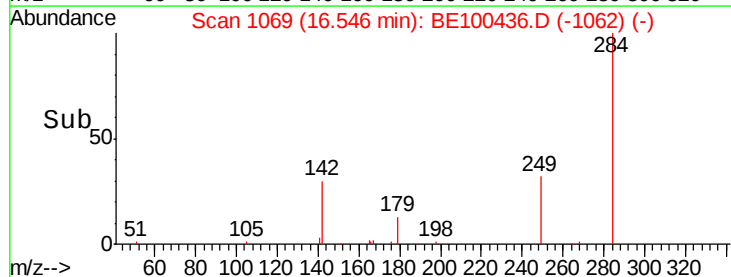
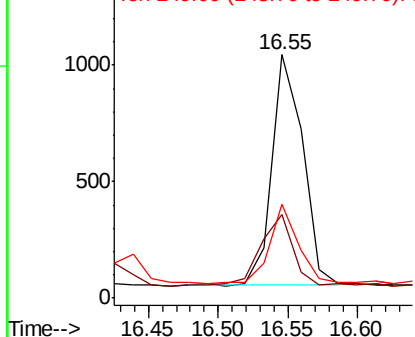


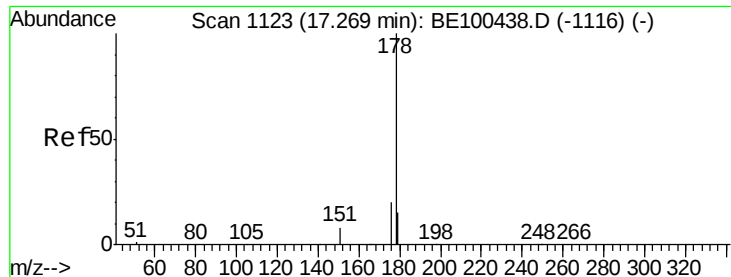
#21
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Tgt 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





#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 :

SSTDIC0.1

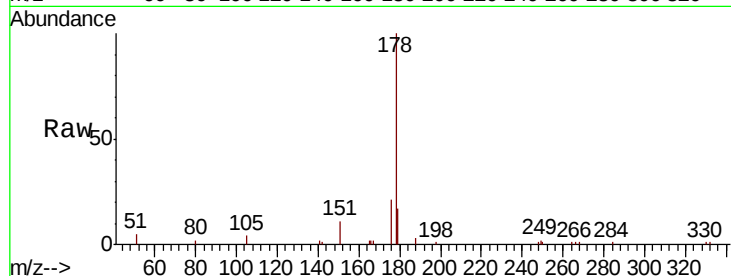
Tot Ion:178 Resp: 6996

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.8 12.4 18.6

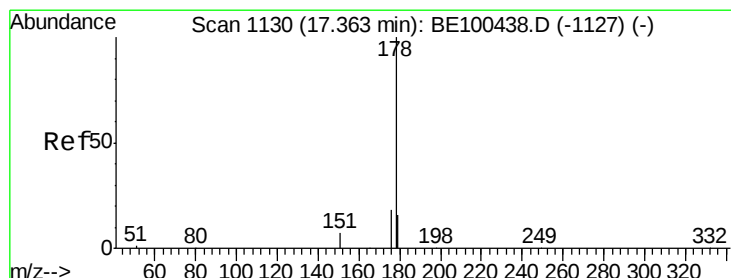
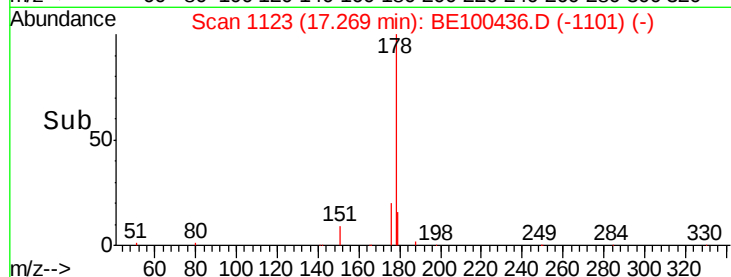
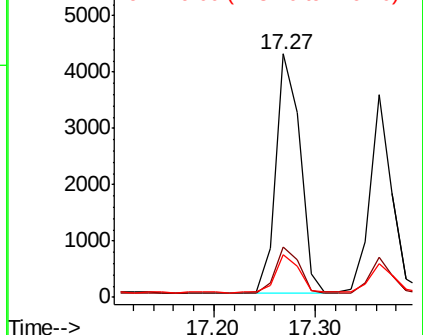


Abundance

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

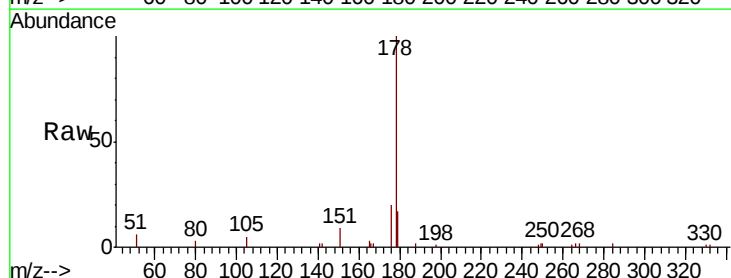
Tgt Ion:178 Resp: 5300

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

179 15.2 12.3 18.5

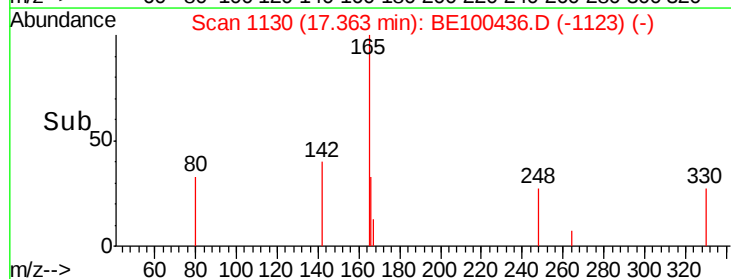
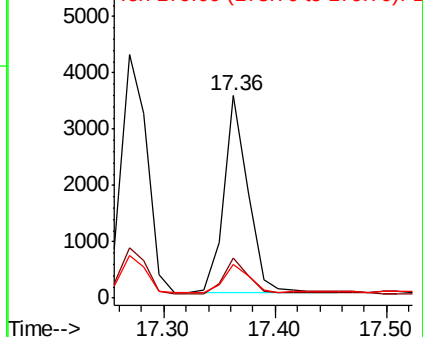


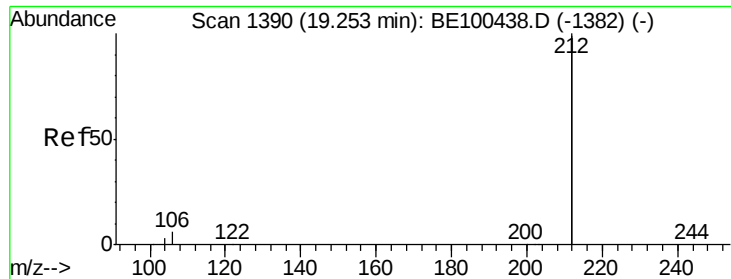
Abundance

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 :

SSTDIC0.1

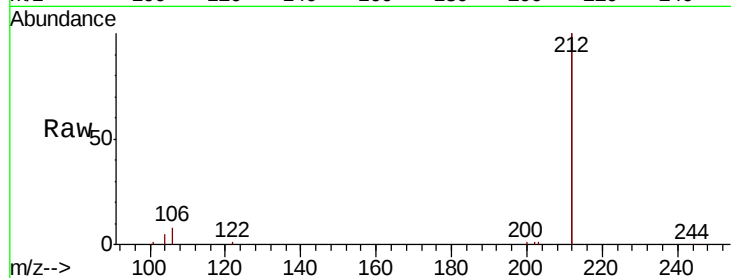
Tot Ion:212 Resp: 28859

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

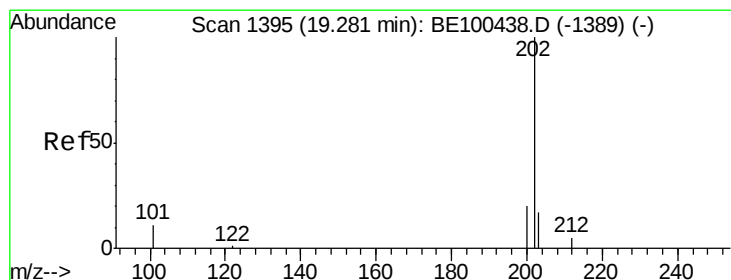
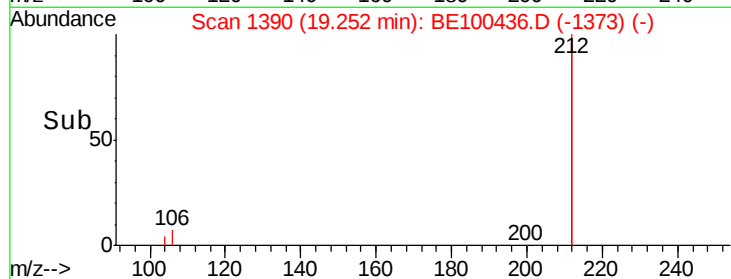
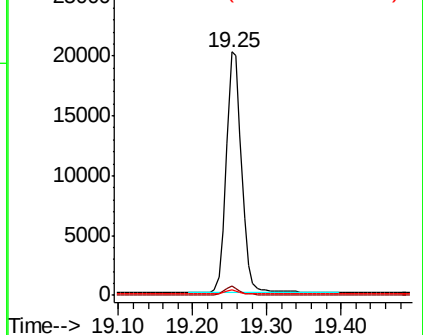
104 2.0 1.4 2.2



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

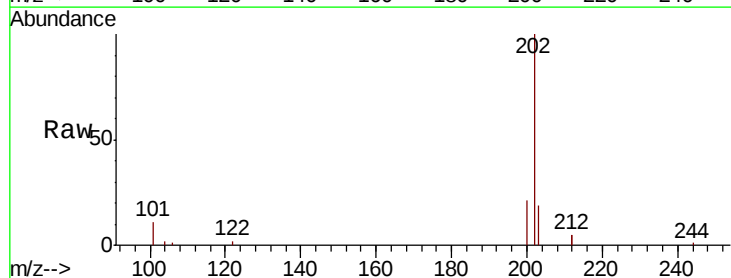
Tgt Ion:202 Resp: 7661

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

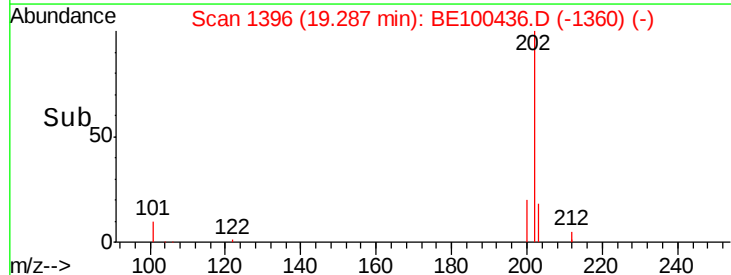
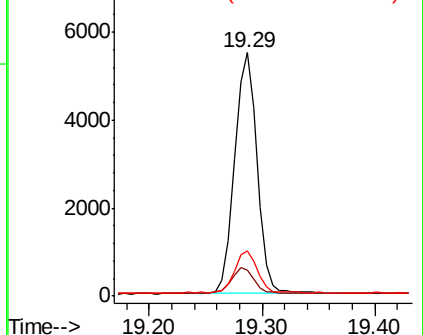
203 17.8 13.8 20.6

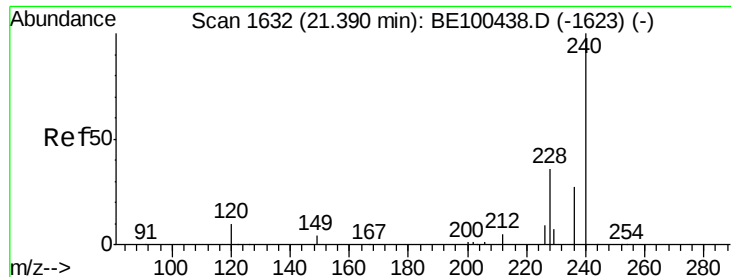


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

SSTDIC0.1

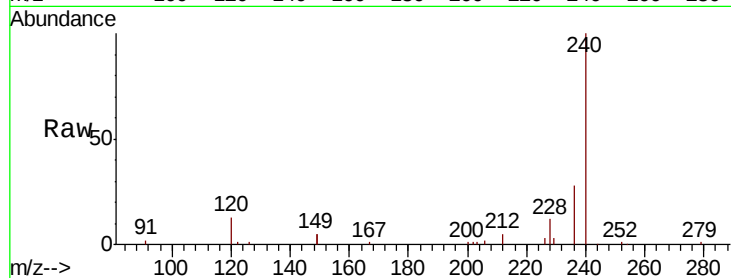
Tot Ion:240 Resp: 24110

Ion Ratio Lower Upper

240 100

120 13.0 8.8 13.2

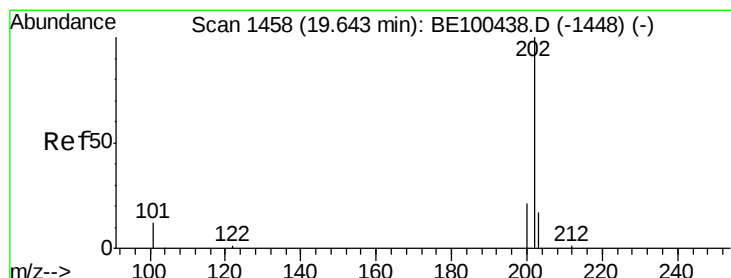
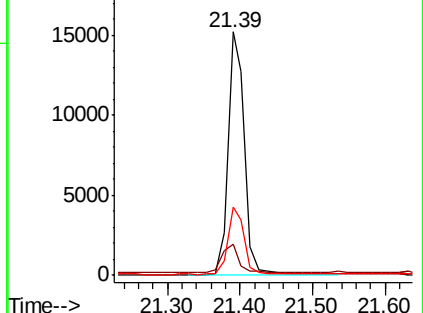
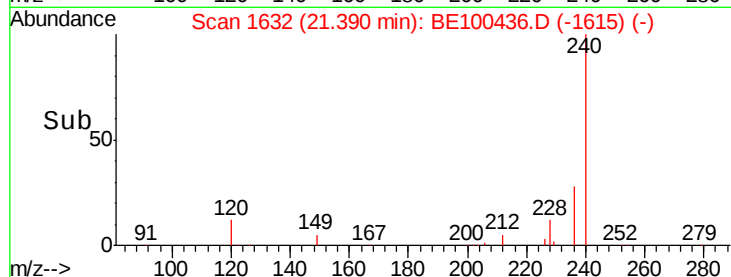
236 28.0 22.0 33.0



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

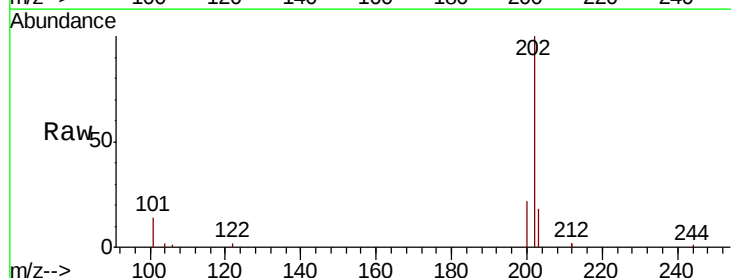
Tgt Ion:202 Resp: 7777

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

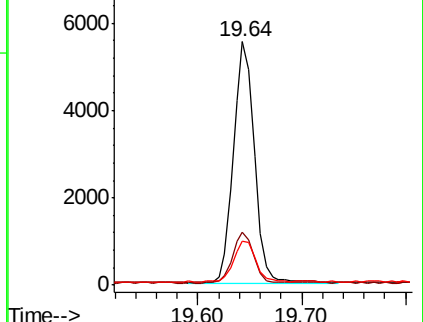
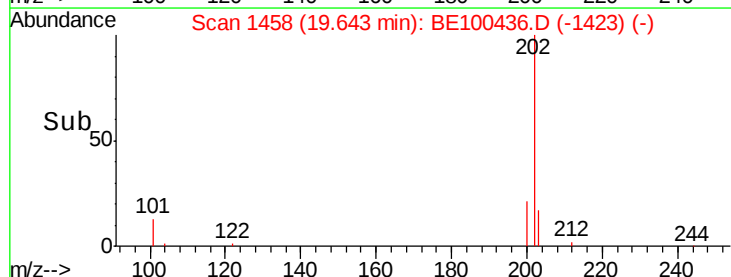
203 17.7 13.8 20.8

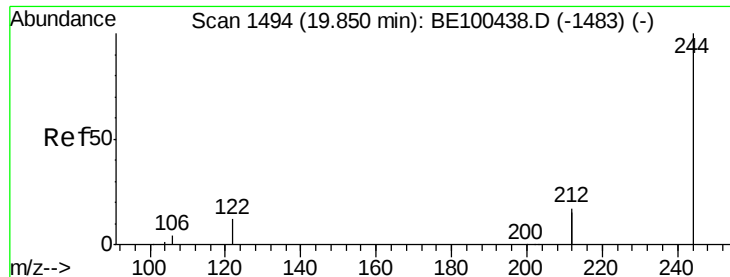


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

SSTDIC0.1

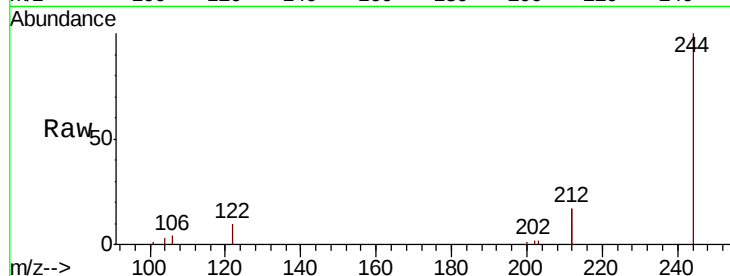
Tot Ion:244 Resp: 6579

Ion Ratio Lower Upper

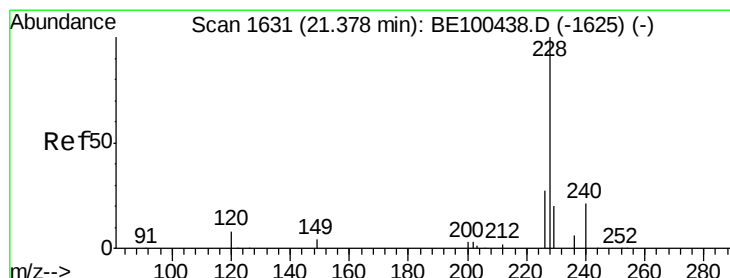
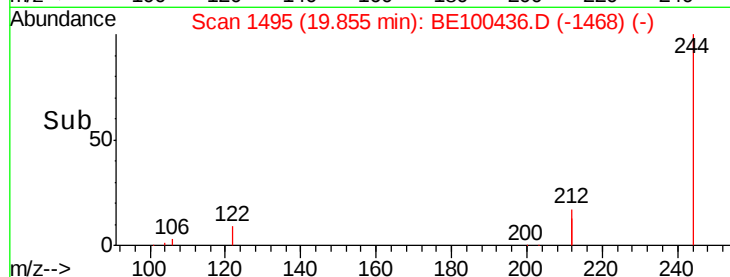
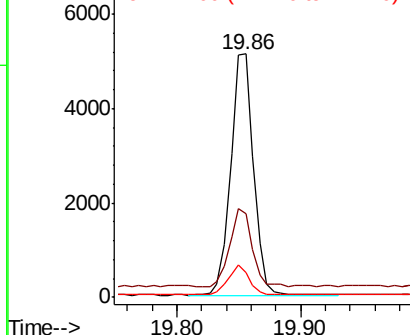
244 100

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

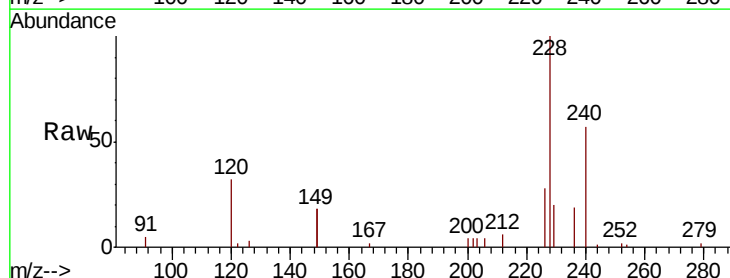
Tgt Ion:228 Resp: 6428

Ion Ratio Lower Upper

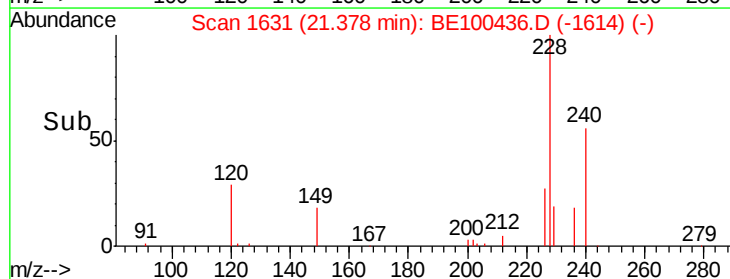
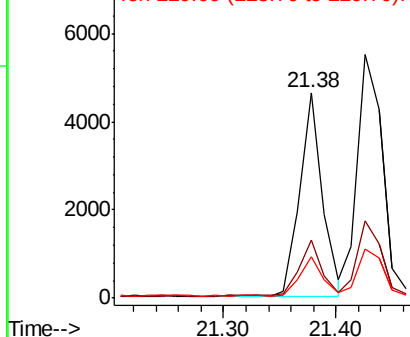
228 100

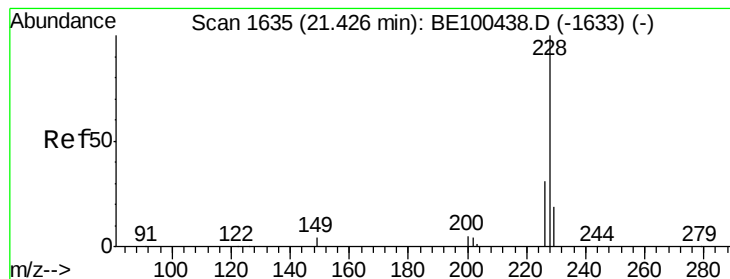
226 28.0 21.6 32.4

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

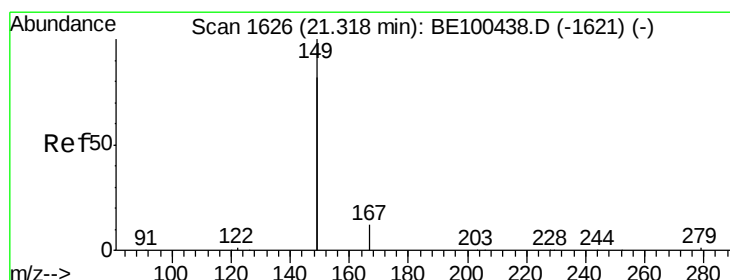
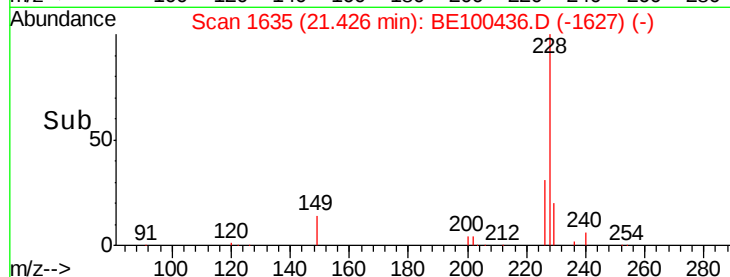
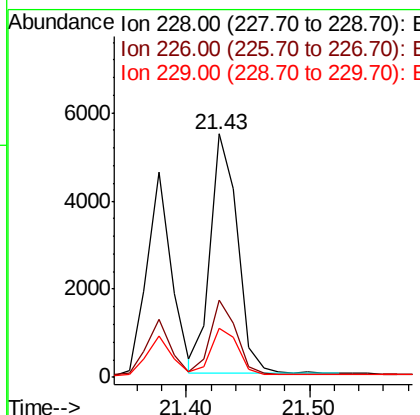
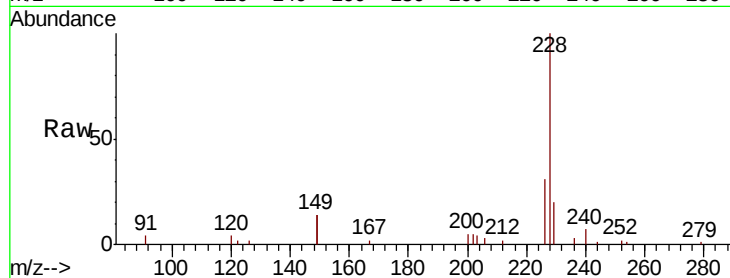




#31
Chrysene
Concen: 0.107 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

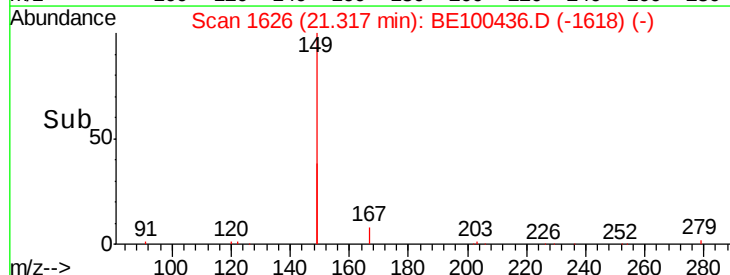
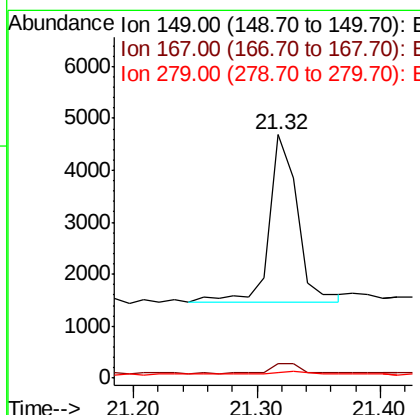
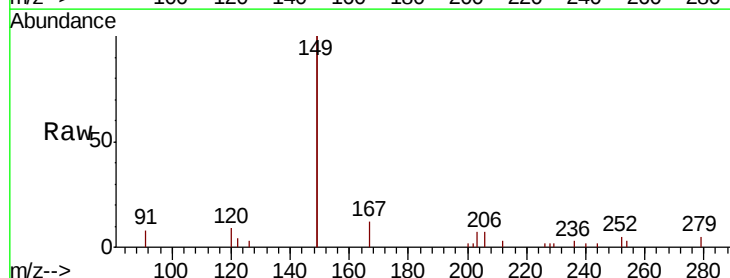
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

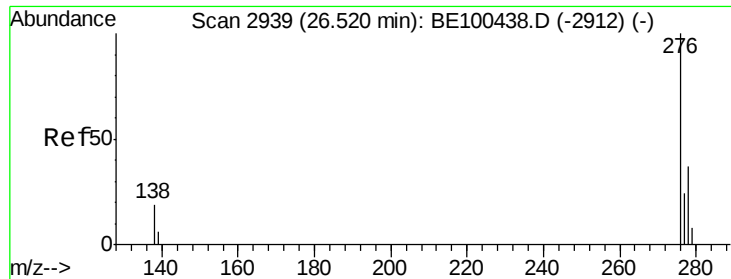
Tot Ion:228 Resp: 8333
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 20.4 15.8 23.6



#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#

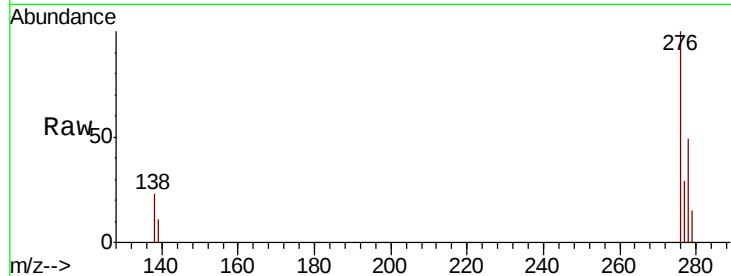




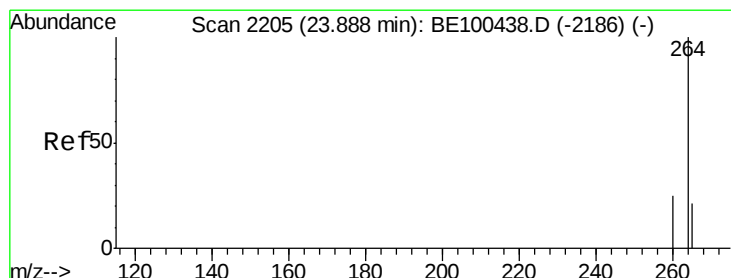
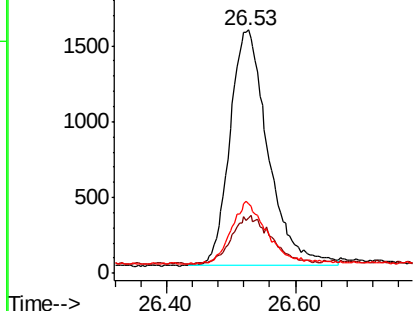
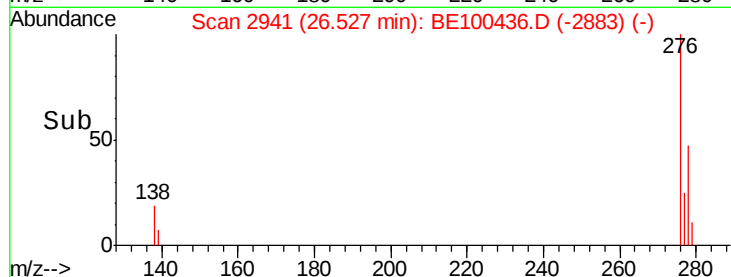
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

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

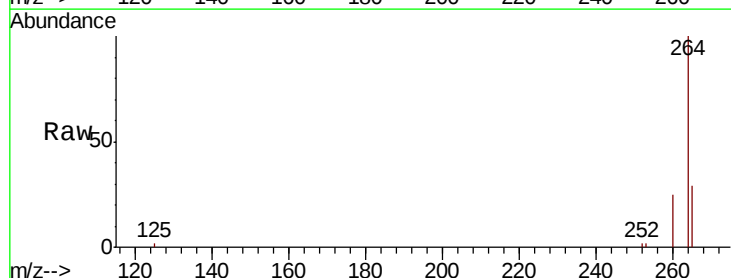


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

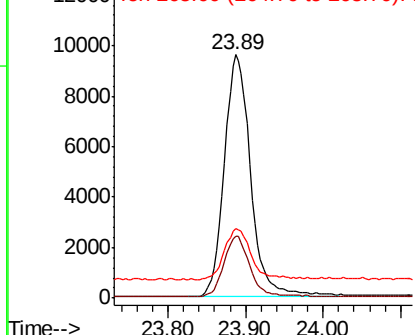
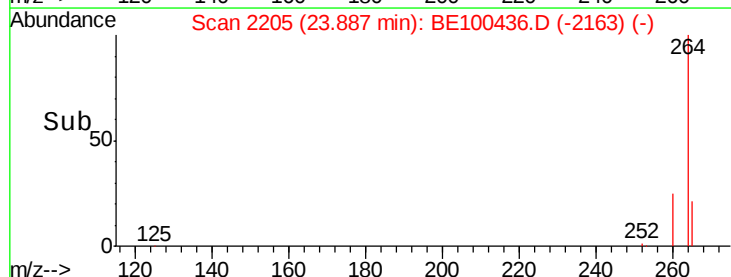


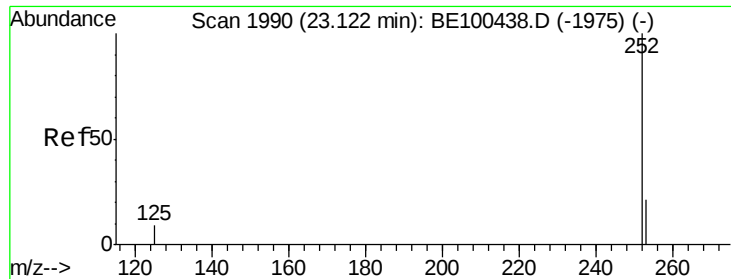
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

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 :

SSTDIC0.1

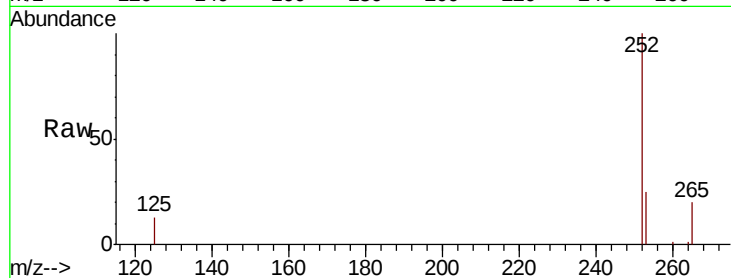
Tot Ion:252 Resp: 6784

Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

125 13.3 8.0 12.0#

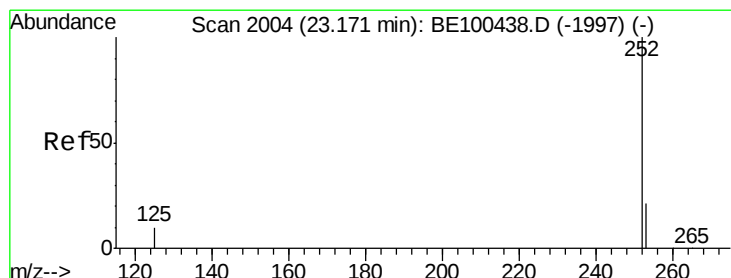
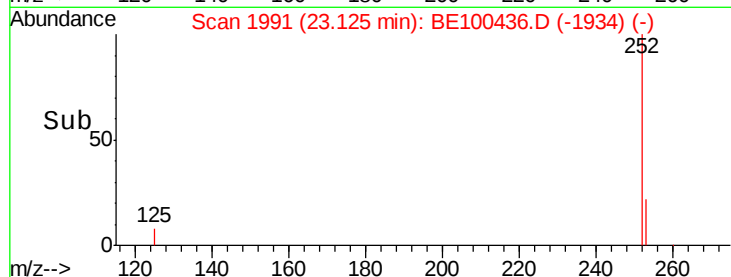
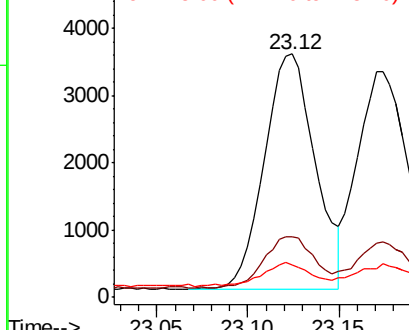


Abundance

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: 0.086 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE100436.D

Acq: 16 Jul 2019 8:32

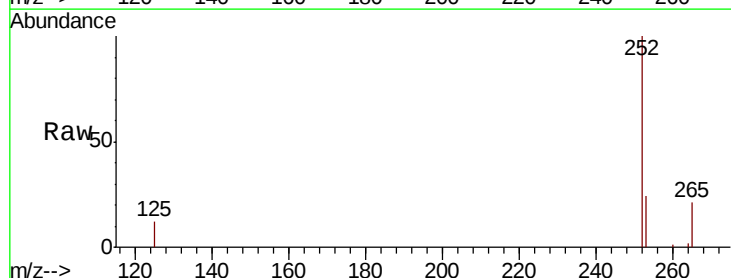
Tgt Ion:252 Resp: 6443

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 12.4 8.3 12.5

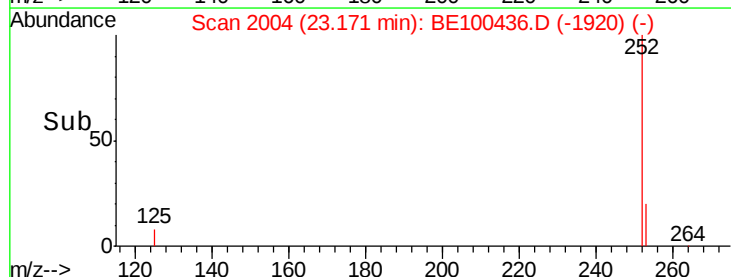
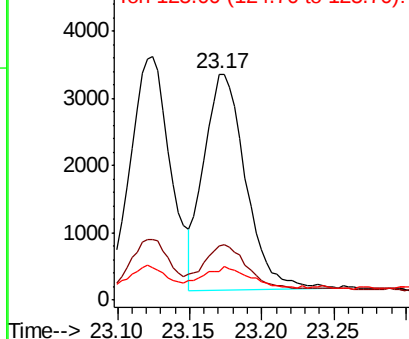


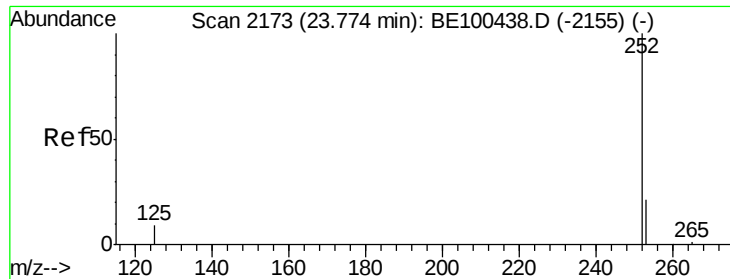
Abundance

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

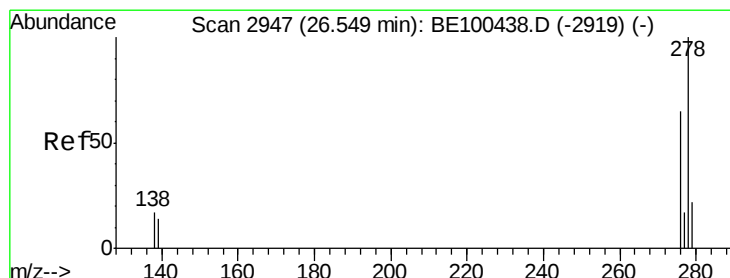
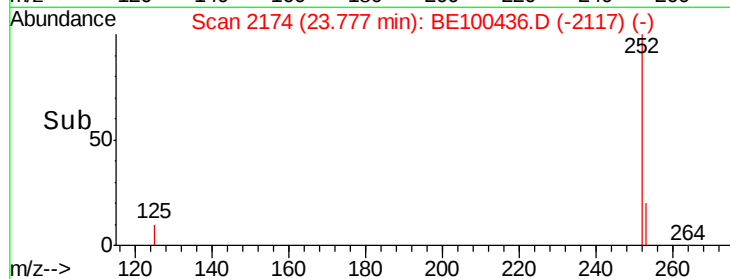
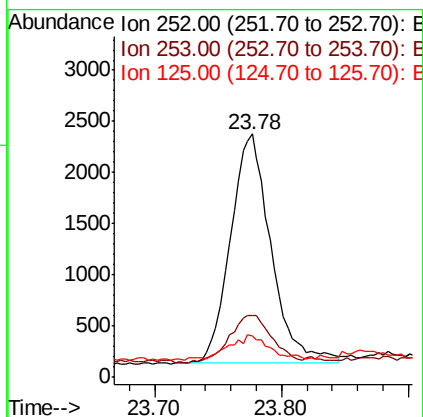
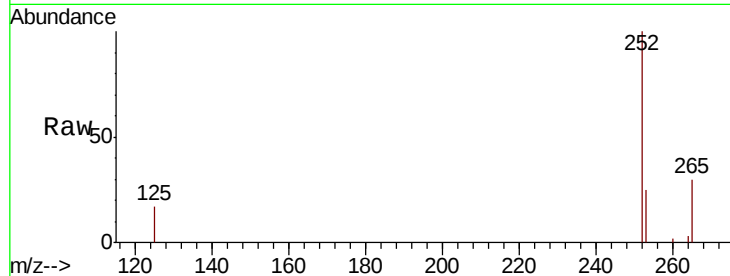




#37
Benzo(a)pyrene
Concen: 0.084 ng
RT: 23.78 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE100436.D
Acq: 16 Jul 2019 8:32

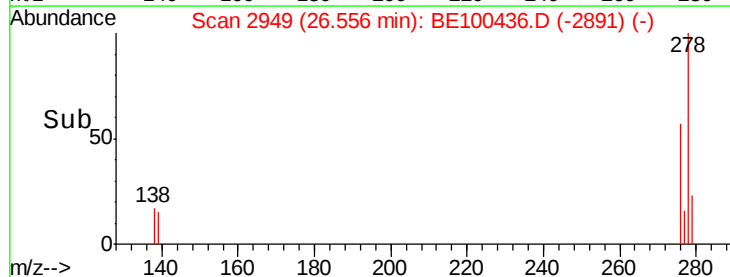
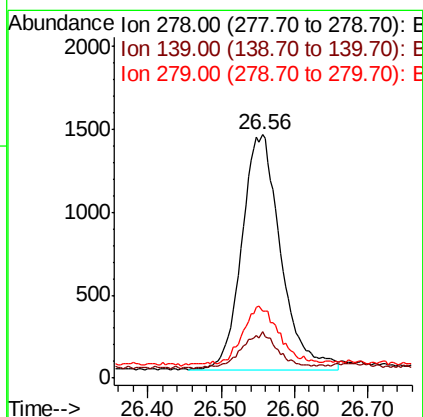
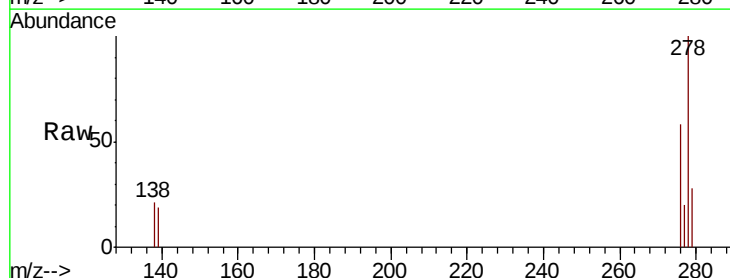
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

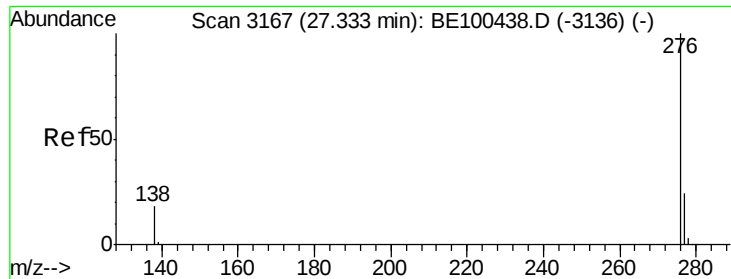
Tot Ion:252 Resp: 4998
Ion Ratio Lower Upper
252 100
253 25.5 18.0 27.0
125 16.9 9.0 13.6#



#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





#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 :

SSTDIC0.1

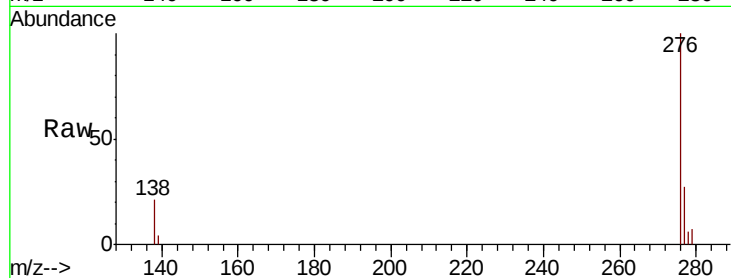
Tot Ion: 276 Resp: 6096

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

