

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
 Data File : BE100438.D
 Acq On : 16 Jul 2019 9:44
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jul 16 12:57:11 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	7.88	152	4518	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	17935	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	9269	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	23848	0.40	ng	0.00
27) Chrysene-d12	21.39	240	26517	0.40	ng	0.00
34) Perylene-d12	23.89	264	24064	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3304	0.36	ng	0.00
5) Phenol-d6	7.04	99	4860	0.37	ng	0.00
8) Nitrobenzene-d5	9.03	82	3534	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	10294	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	741	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	16527	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	106209	0.25	ng	0.00
29) Terphenyl-d14	19.85	244	24852	0.39	ng	0.00

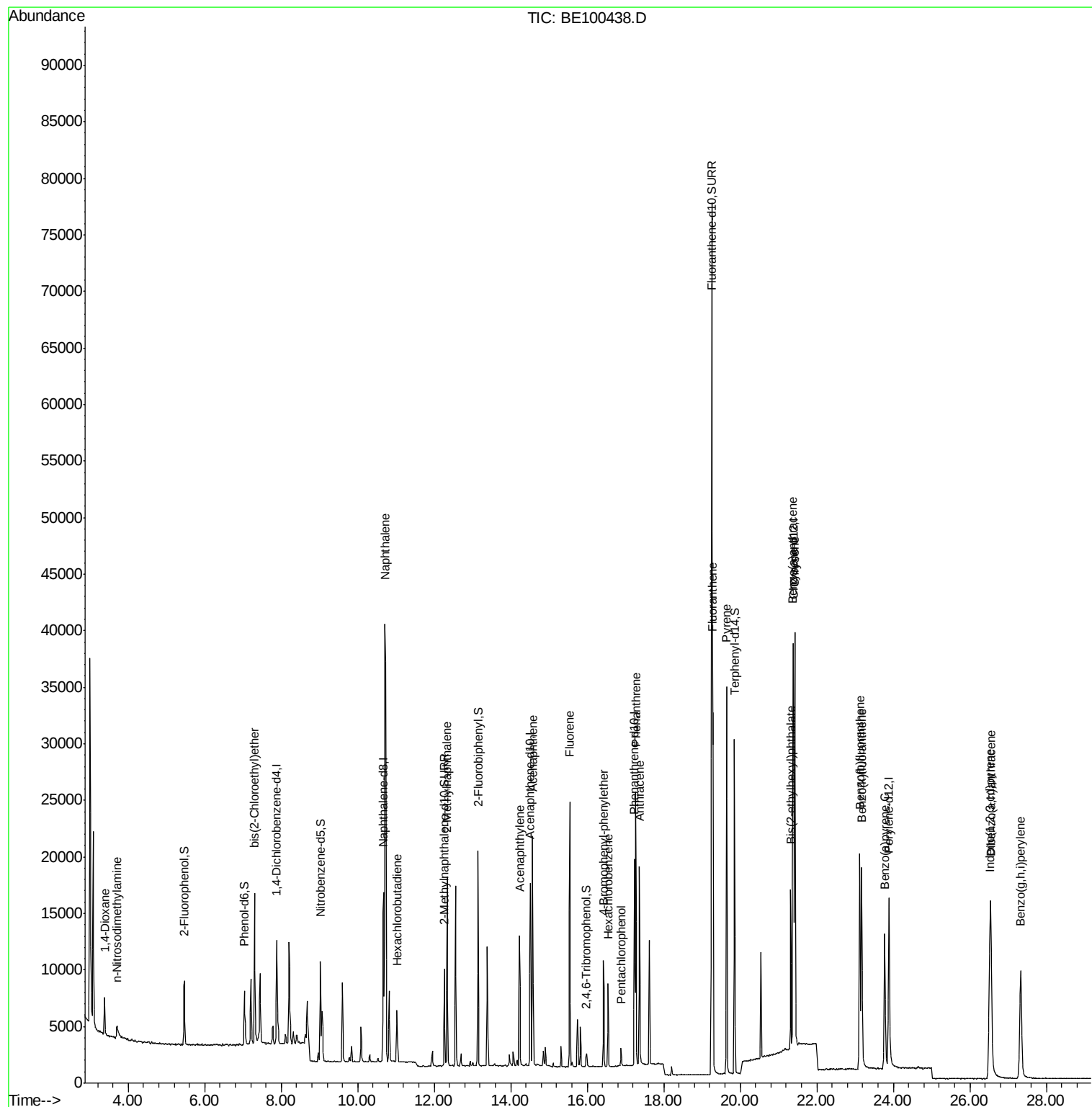
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	2636	0.405	ng	100
3) n-Nitrosodimethylamine	3.70	42	1365	0.342	ng	100
6) bis(2-Chloroethyl)ether	7.31	93	5063	0.394	ng	100
9) Naphthalene	10.72	128	68198	0.390	ng	100
10) Hexachlorobutadiene	11.03	225	3272	0.392	ng	100
12) 2-Methylnaphthalene	12.34	142	10932	0.372	ng	100
16) Acenaphthylene	14.23	152	13678	0.356	ng	100
17) Acenaphthene	14.57	154	9764	0.373	ng	100
18) Fluorene	15.54	166	12773	0.380	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	4659	0.382	ng	100
21) Hexachlorobenzene	16.55	284	5679	0.407	ng	100
22) Pentachlorophenol	16.88	266	876	0.319	ng	100
23) Phenanthrene	17.27	178	24524	0.396	ng	100
24) Anthracene	17.36	178	18498	0.352	ng	100
26) Fluoranthene	19.28	202	30324	0.378	ng	100
28) Pyrene	19.64	202	29268	0.377	ng	100
30) Benzo(a)anthracene	21.38	228	25596	0.352	ng	100
31) Chrysene	21.43	228	33254	0.389	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	17353	0.312	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	27292	0.353	ng	100
35) Benzo(b)fluoranthene	23.12	252	27361	0.362	ng	100
36) Benzo(k)fluoranthene	23.17	252	28650	0.362	ng	100
37) Benzo(a)pyrene	23.77	252	21187	0.335	ng	100
38) Dibenzo(a,h)anthracene	26.55	278	23155	0.351	ng	100
39) Benzo(g,h,i)perylene	27.33	276	25310	0.369	ng	100

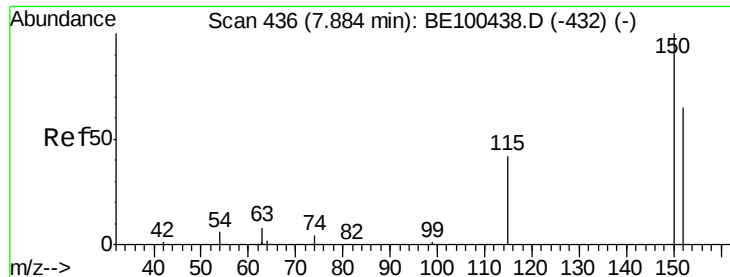
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100438.D
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Misc :
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Instrument :
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ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 16 12:57:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
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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: 7.88 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

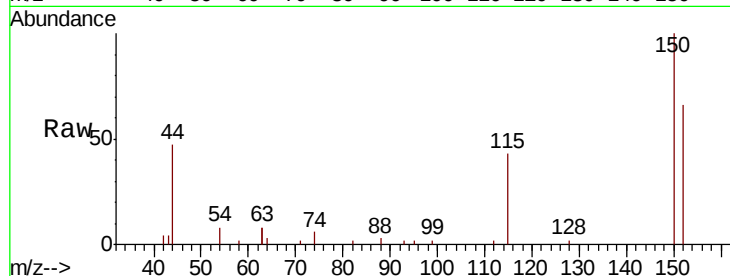
Tot Ion:152 Resp: 4518

Ion Ratio Lower Upper

152 100

150 152.1 121.7 182.5

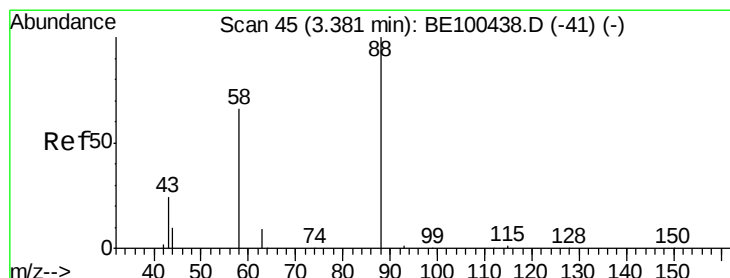
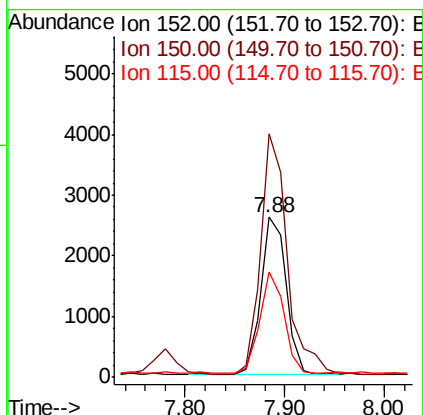
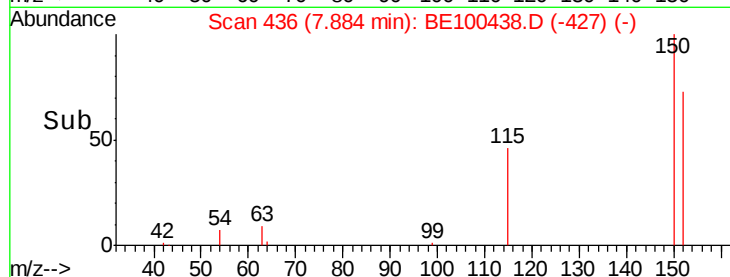
115 65.5 52.4 78.6



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: 0.405 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

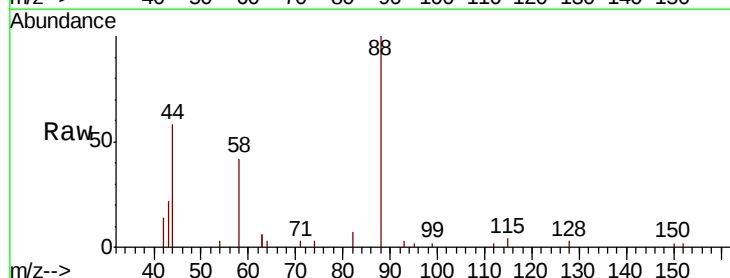
Tgt Ion: 88 Resp: 2636

Ion Ratio Lower Upper

88 100

58 72.3 57.8 86.8

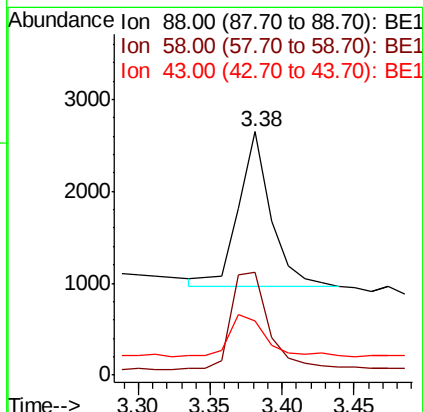
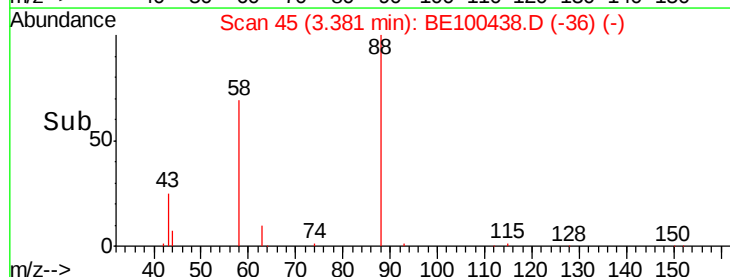
43 31.3 25.0 37.6

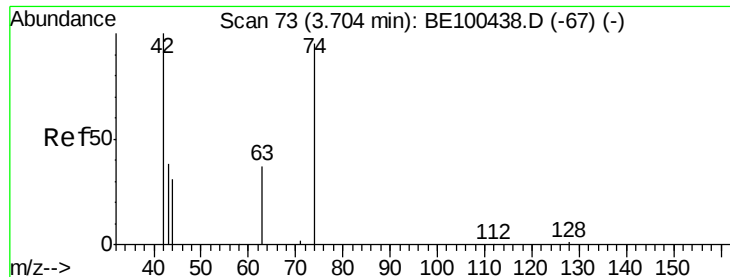


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



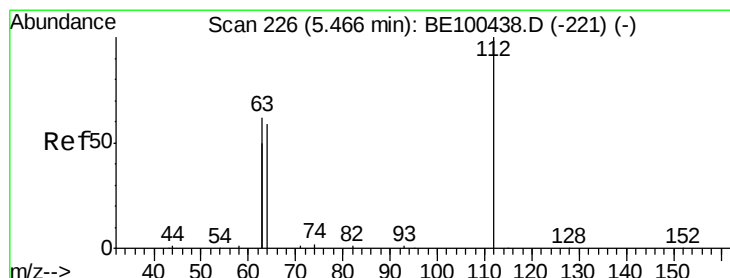
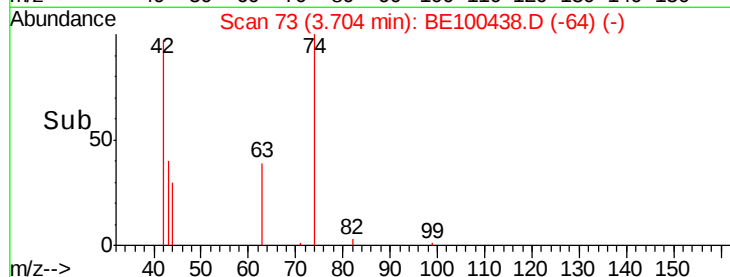
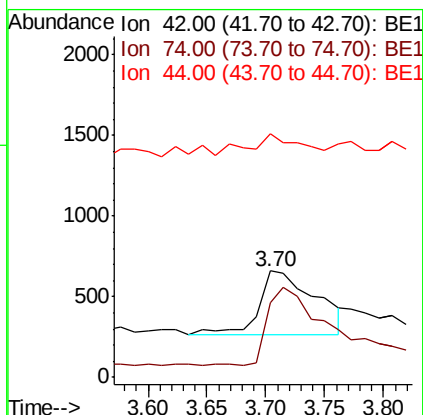
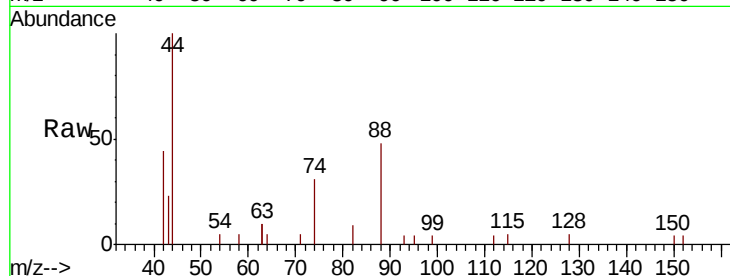


#3

n-Nitrosodimethylamine
 Concen: 0.342 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BE100438.D
 Acq: 16 Jul 2019 9:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

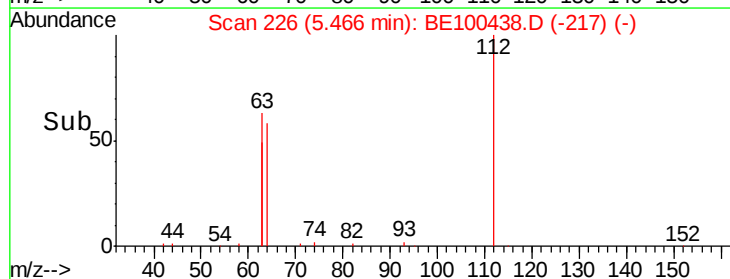
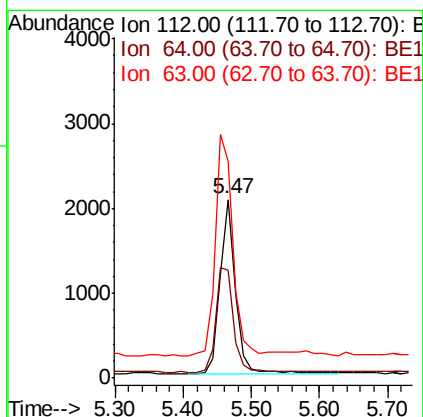
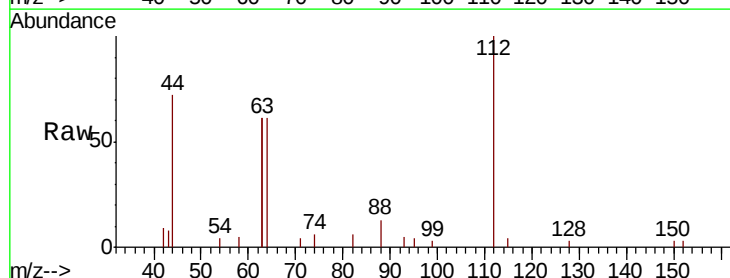
Tot Ion	Ratio	Lower	Upper
42	100		
74	106.6	85.3	127.9
44	27.3	21.8	32.8

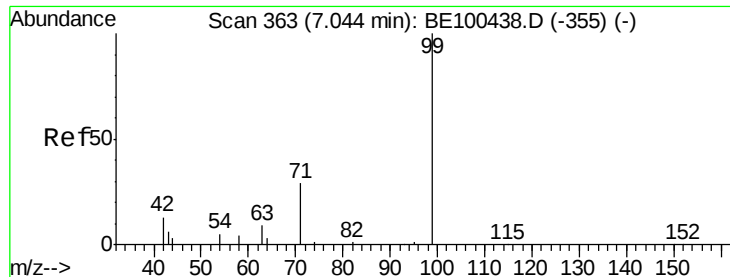


#4

2-Fluorophenol
 Concen: 0.360 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE100438.D
 Acq: 16 Jul 2019 9:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.0	82.4
63	143.5	114.8	172.2





#5

Phenol-d6

Concen: 0.367 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

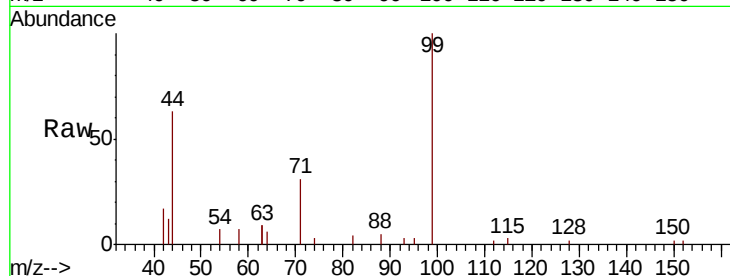
Tot Ion: 99 Resp: 4860

Ion Ratio Lower Upper

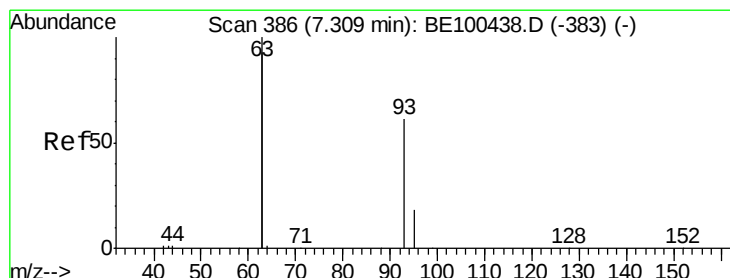
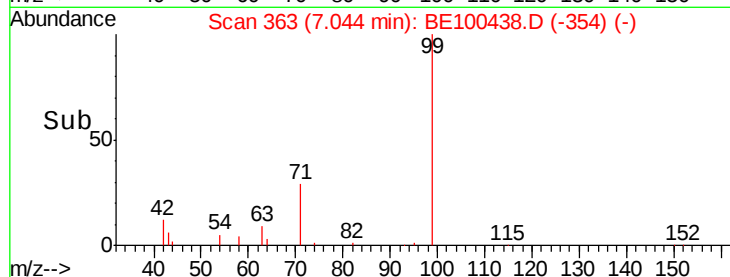
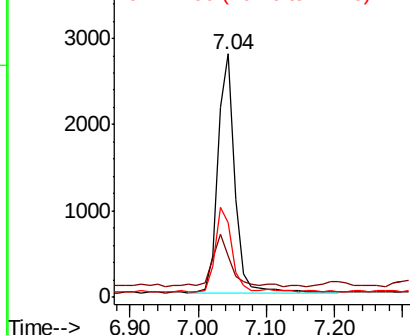
99 100

42 21.1 17.4 26.2

71 34.3 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: 0.394 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

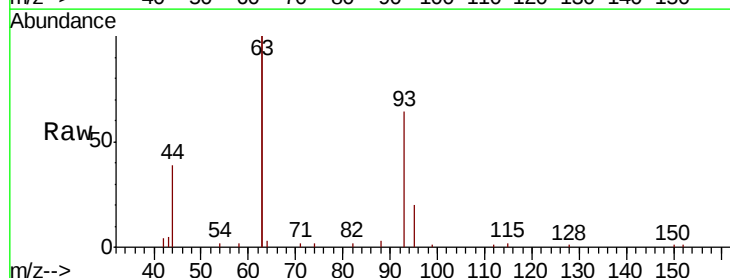
Tgt Ion: 93 Resp: 5063

Ion Ratio Lower Upper

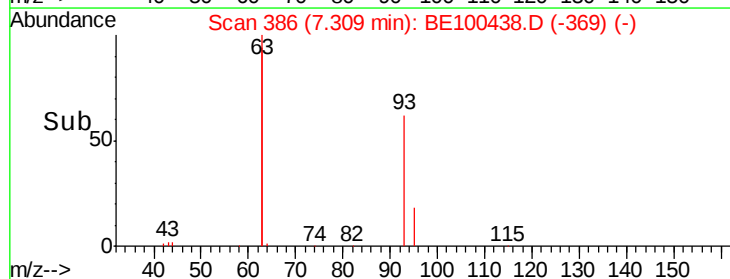
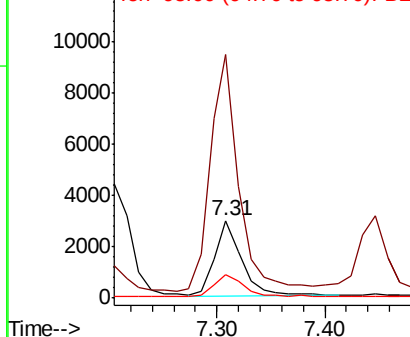
93 100

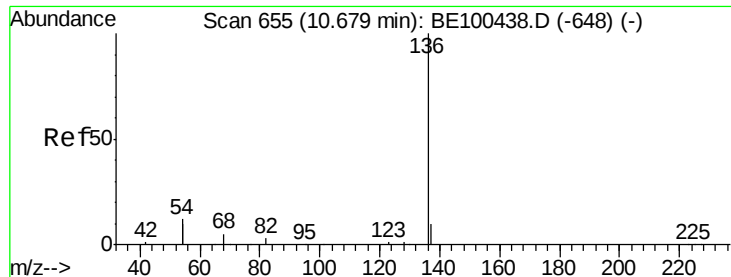
63 333.6 266.9 400.3

95 33.5 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: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 17935

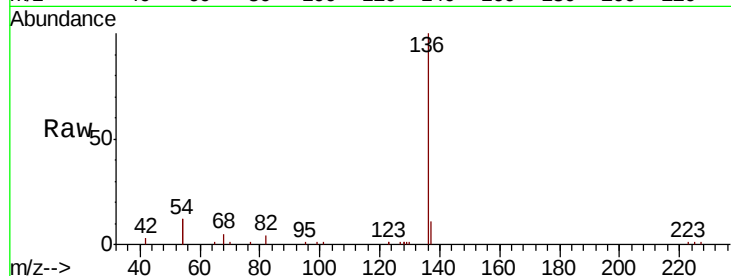
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 24.5 19.6 29.4

68 5.5 4.4 6.6

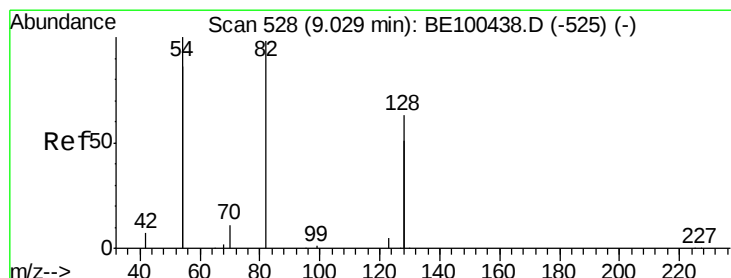
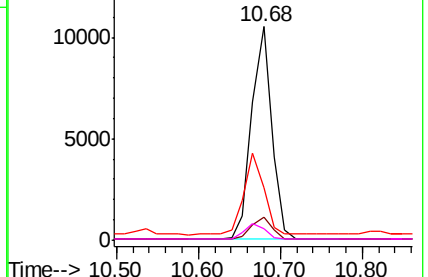
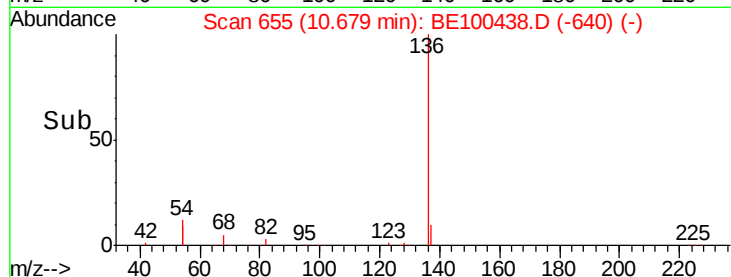


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

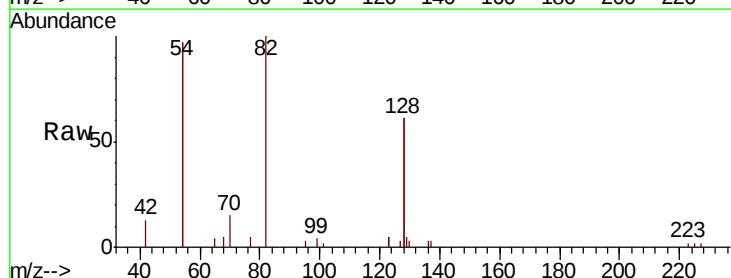
Tgt Ion: 82 Resp: 3534

Ion Ratio Lower Upper

82 100

128 122.4 97.9 146.9

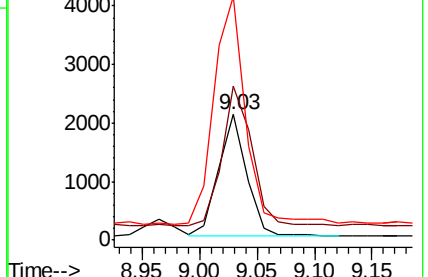
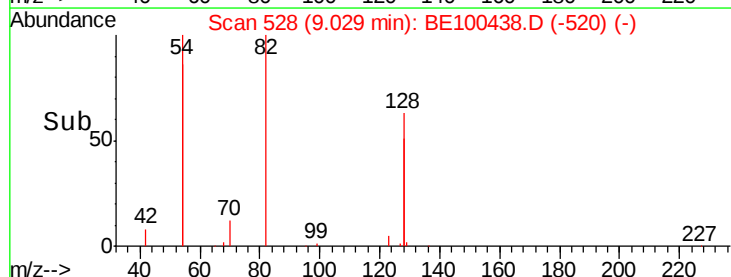
54 193.8 155.0 232.6

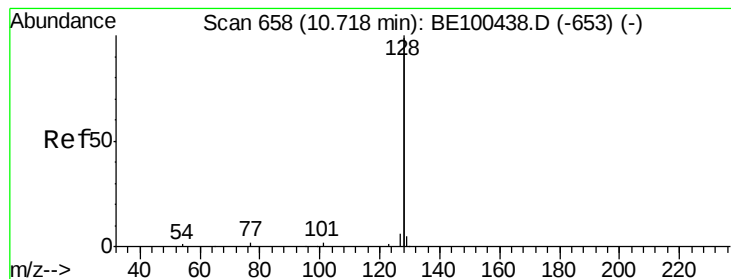


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.390 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

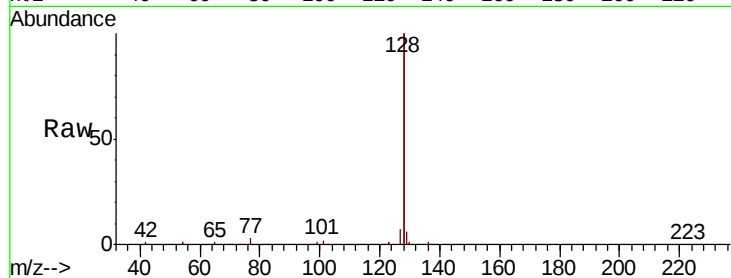
Tot Ion:128 Resp: 68198

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

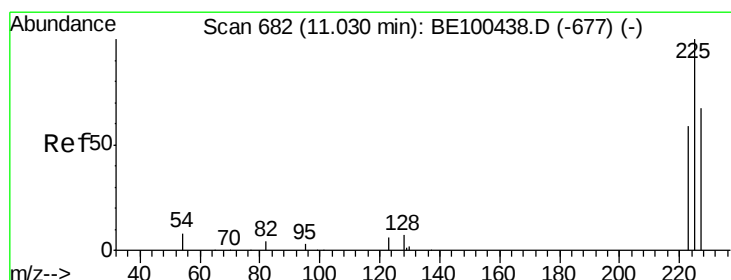
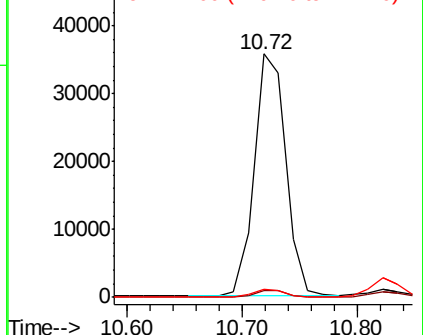
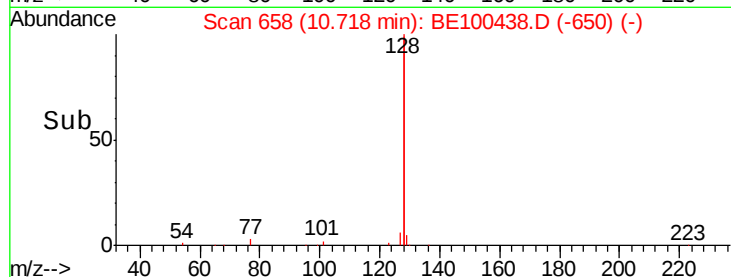
127 3.4 2.7 4.1



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: 0.392 ng

RT: 11.03 min Scan# 682

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

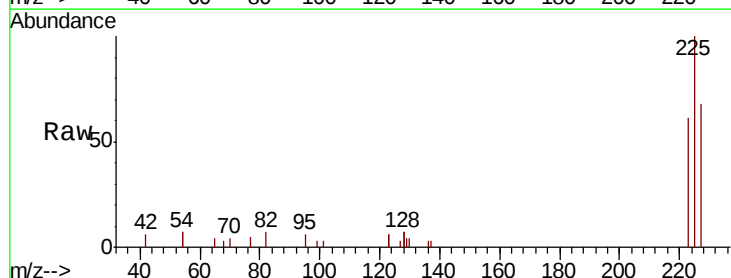
Tgt Ion:225 Resp: 3272

Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.8

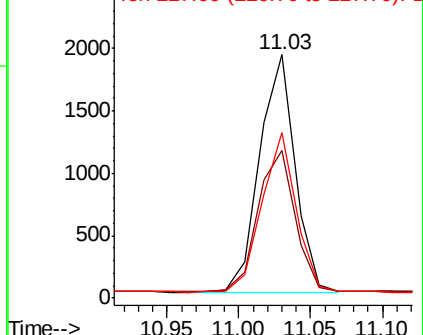
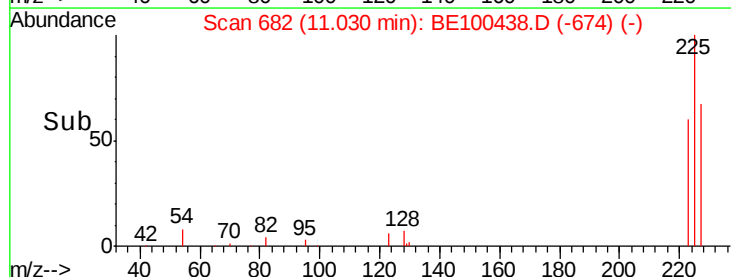
227 65.4 52.3 78.5

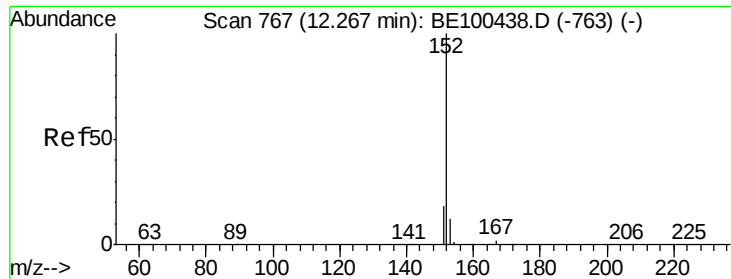


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

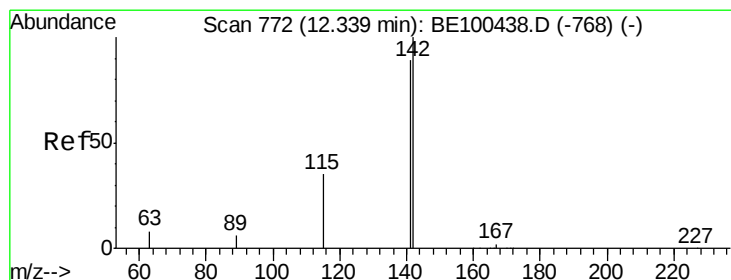
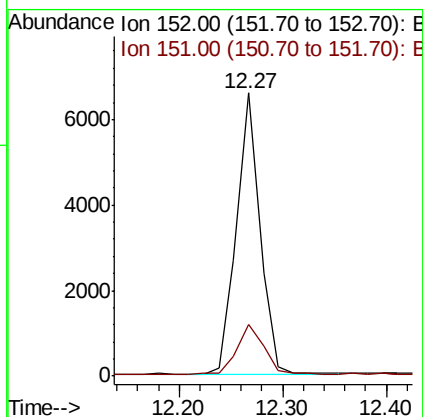
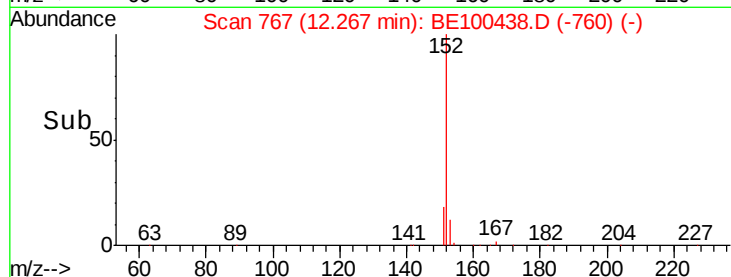
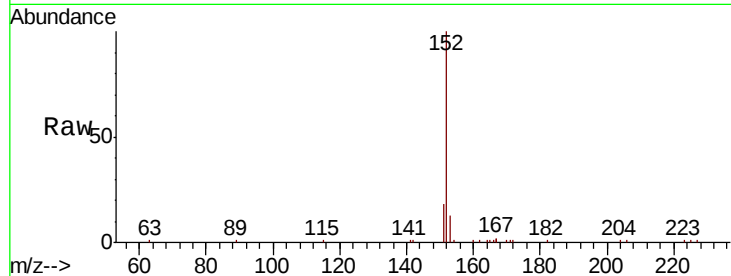




#11
 2-Methylnaphthalene-d10
 Concen: 0.260 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE100438.D
 Acq: 16 Jul 2019 9:44

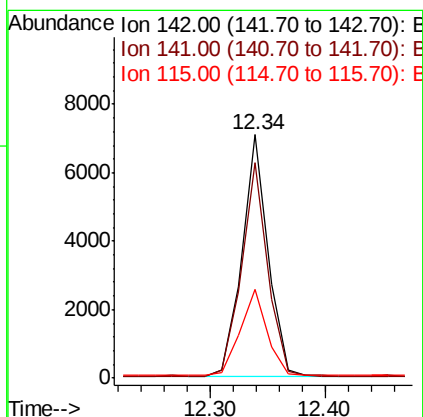
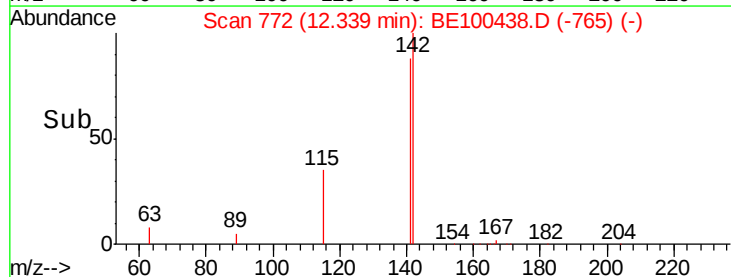
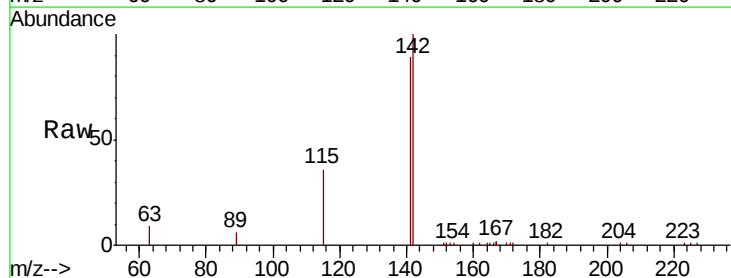
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

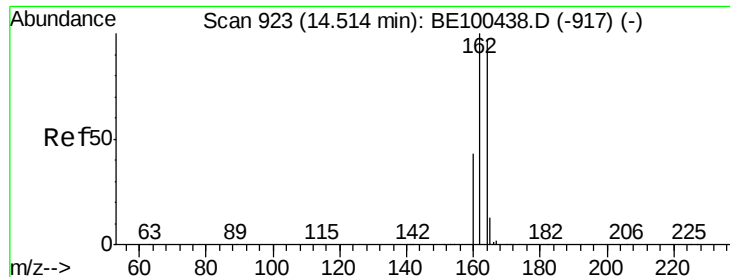
Tot Ion:152 Resp: 10294
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.0 24.0



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE100438.D
 Acq: 16 Jul 2019 9:44

Tgt Ion:142 Resp: 10932
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.9 106.3
 115 36.2 29.0 43.4

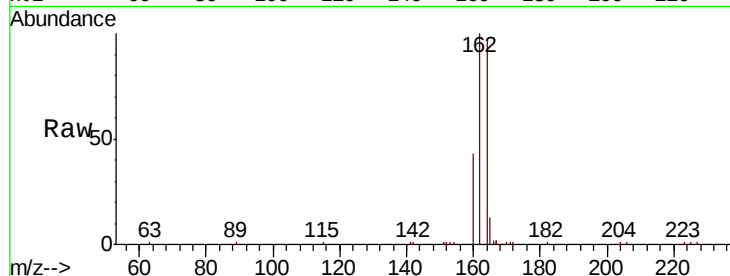




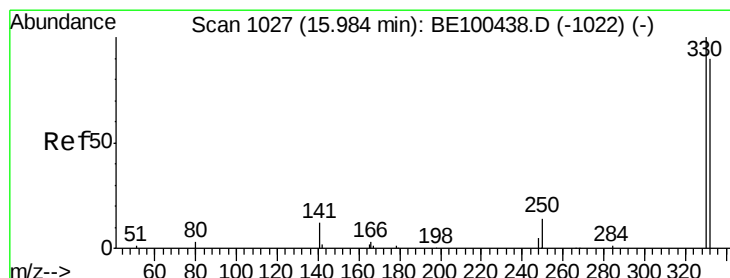
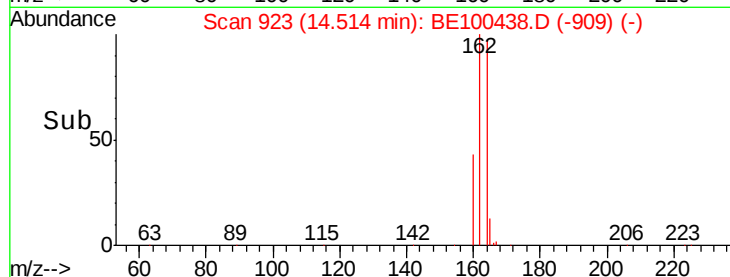
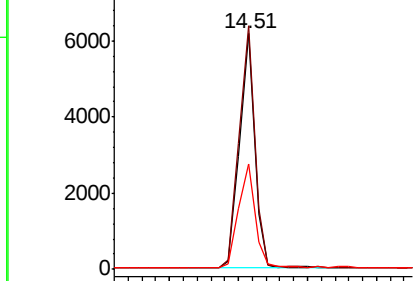
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 9269
Ion Ratio Lower Upper
164 100
162 103.3 82.6 124.0
160 44.5 35.6 53.4

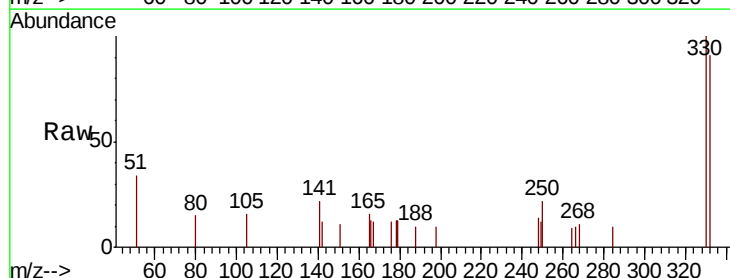


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

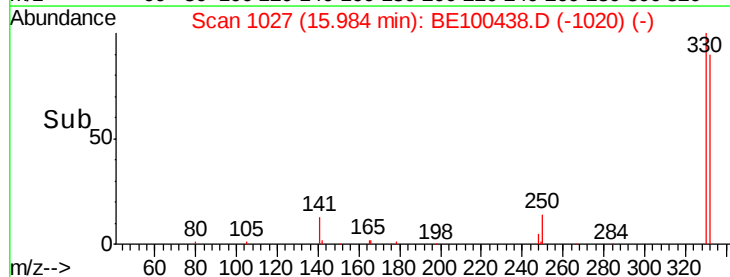
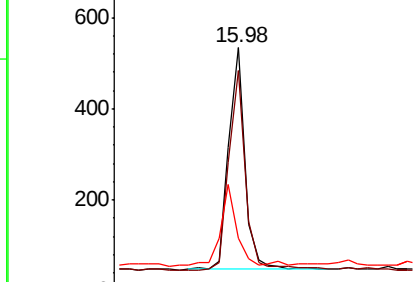


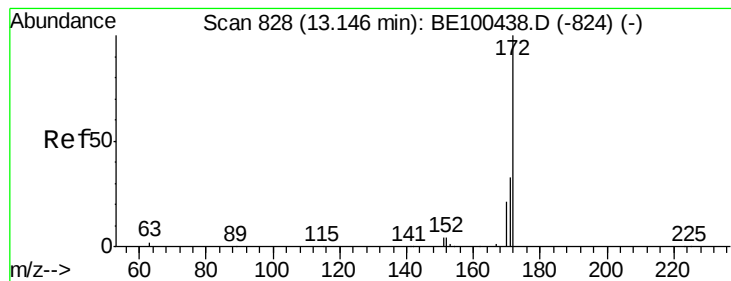
#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

Tgt Ion:330 Resp: 741
Ion Ratio Lower Upper
330 100
332 95.4 76.3 114.5
141 35.1 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: 0.402 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

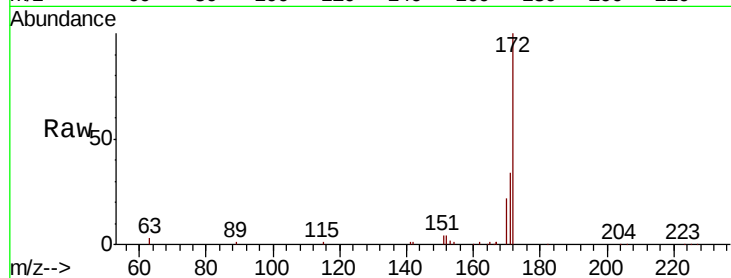
Tot Ion:172 Resp: 16527

Ion Ratio Lower Upper

172 100

171 33.7 27.0 40.4

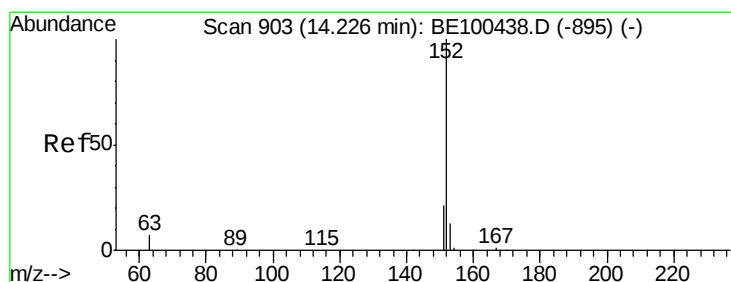
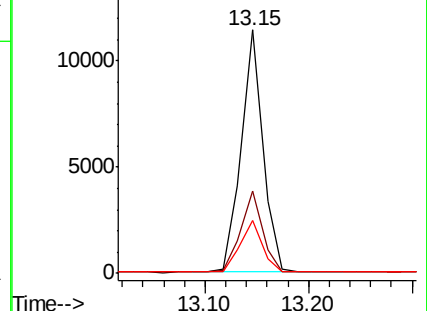
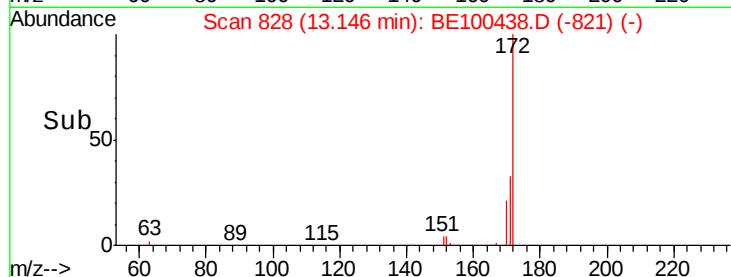
170 21.7 17.4 26.0



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: 0.356 ng

RT: 14.23 min Scan# 903

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

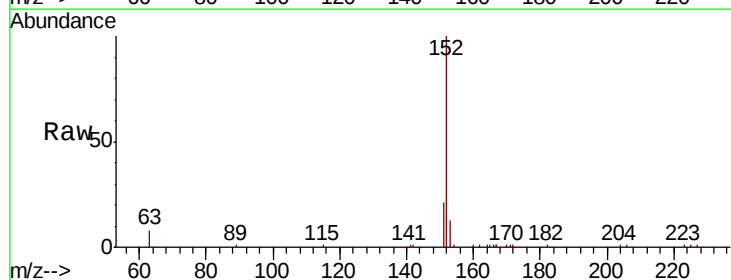
Tgt Ion:152 Resp: 13678

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

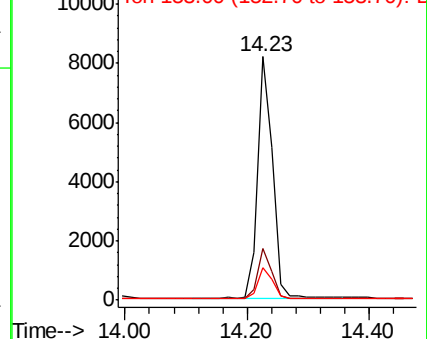
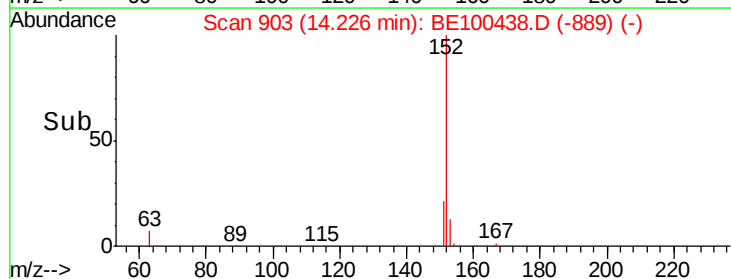
153 13.0 10.4 15.6

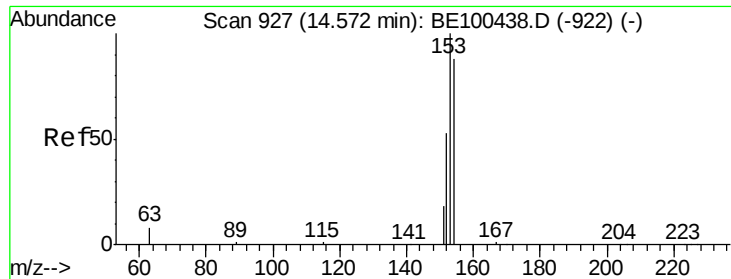


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

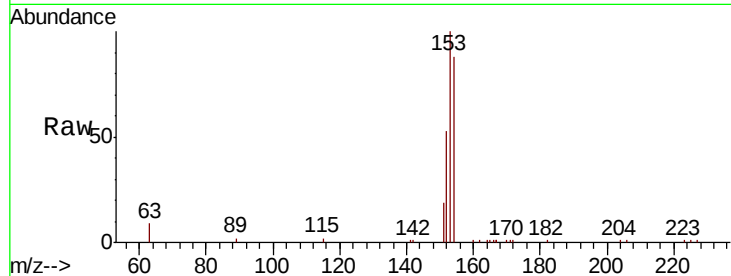




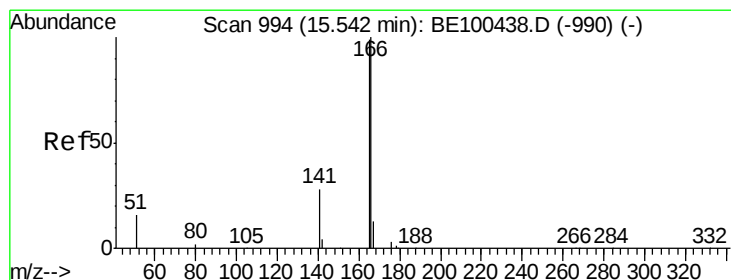
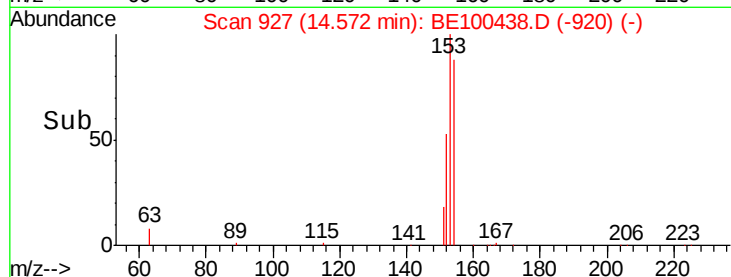
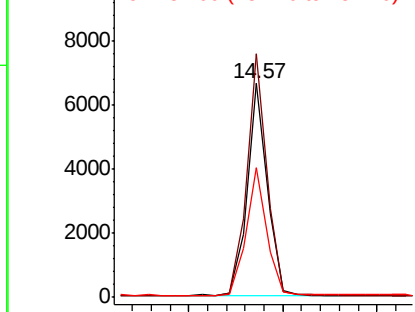
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:154 Resp: 9764
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 61.8 49.4 74.2

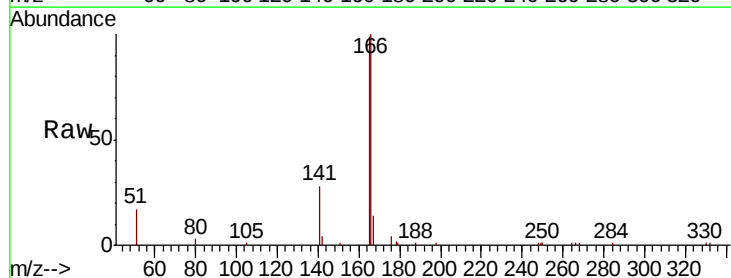


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

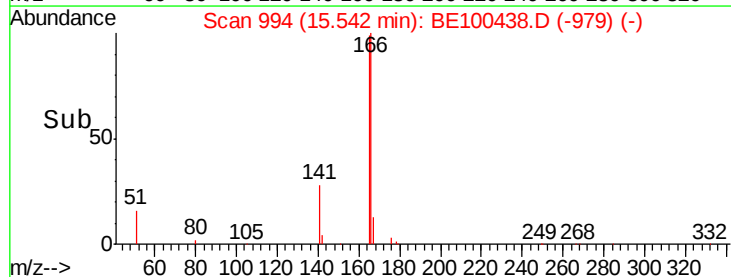
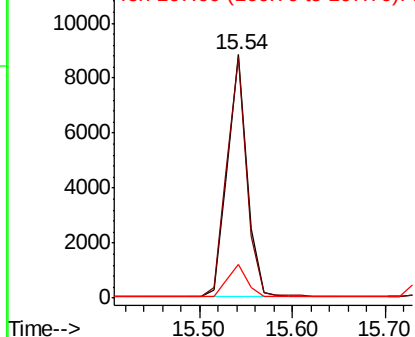


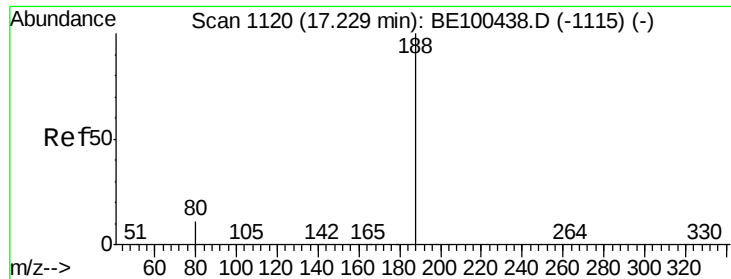
#18
Fluorene
Concen: 0.380 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

Tgt Ion:166 Resp: 12773
Ion Ratio Lower Upper
166 100
165 99.5 79.6 119.4
167 13.2 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: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

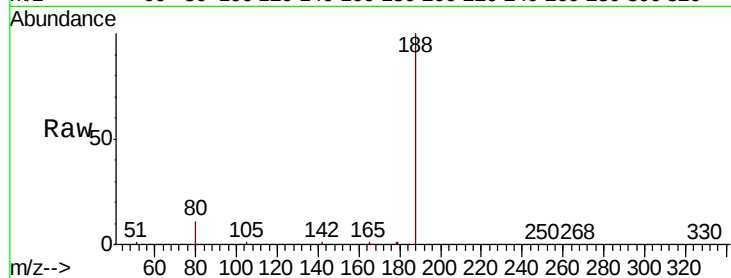
Tot Ion:188 Resp: 23848

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

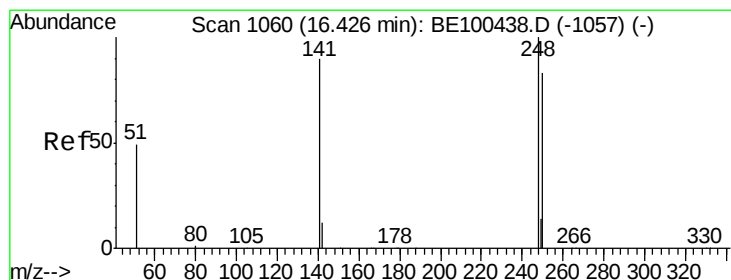
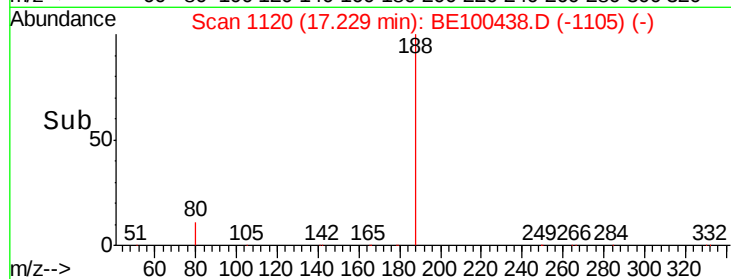
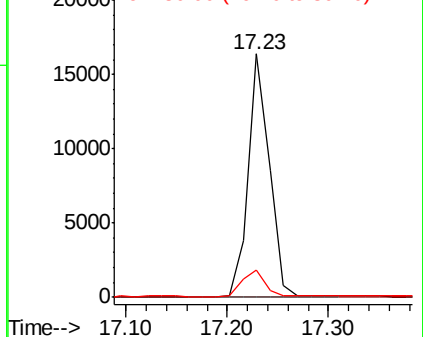
80 11.5 9.2 13.8



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: 0.382 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

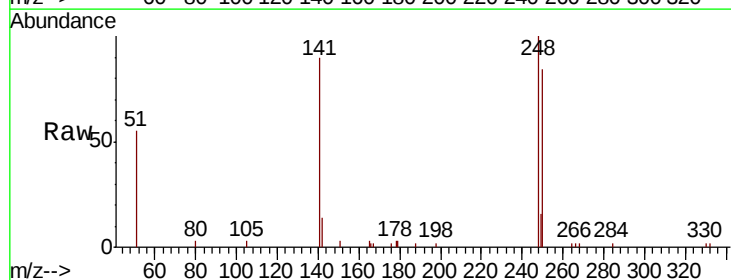
Tgt Ion:248 Resp: 4659

Ion Ratio Lower Upper

248 100

250 83.9 67.1 100.7

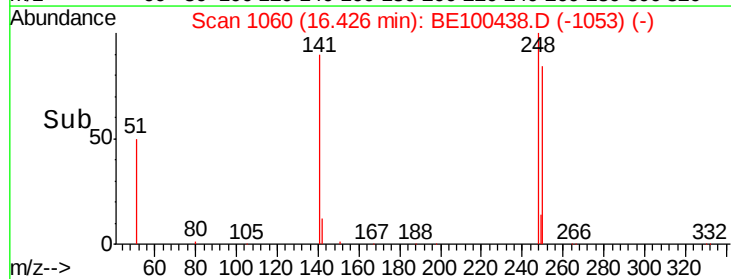
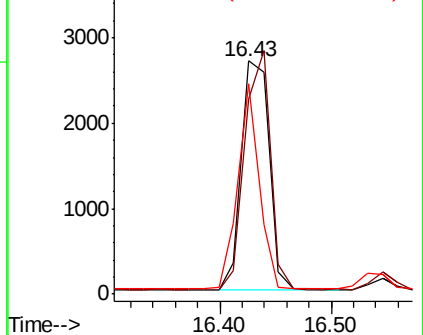
141 90.2 72.2 108.2

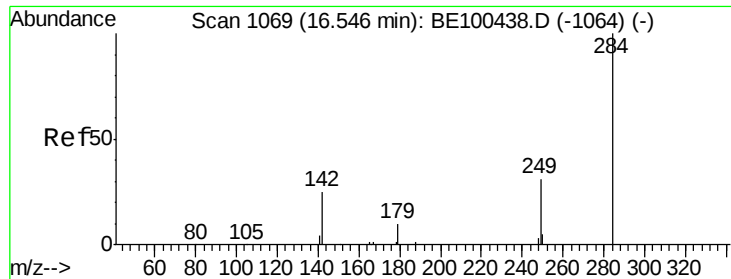


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

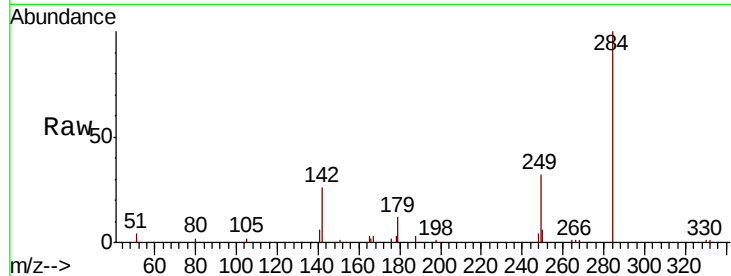
Tot Ion:284 Resp: 5679

Ion Ratio Lower Upper

284 100

142 32.0 25.6 38.4

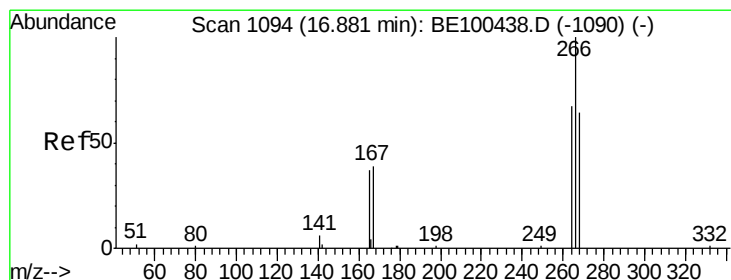
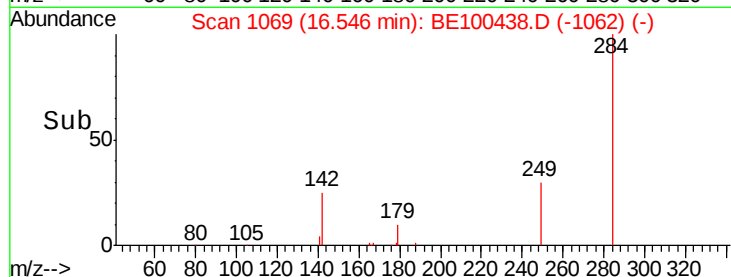
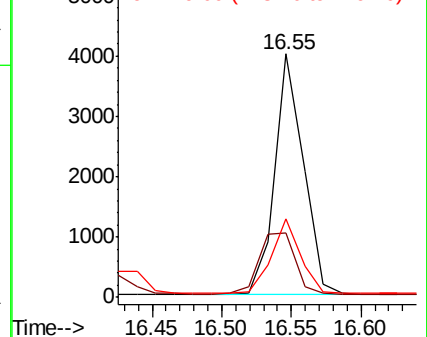
249 31.4 25.1 37.7



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: 0.319 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

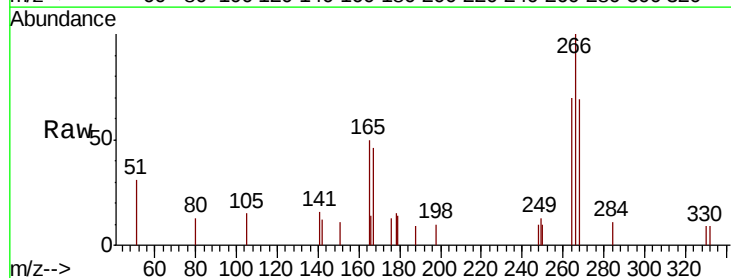
Tgt Ion:266 Resp: 876

Ion Ratio Lower Upper

266 100

264 70.2 56.2 84.2

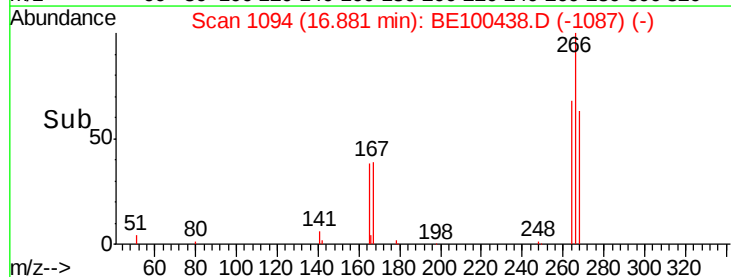
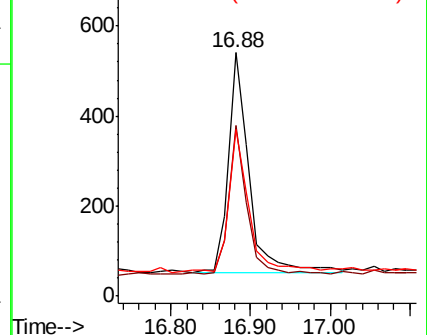
268 68.6 54.9 82.3

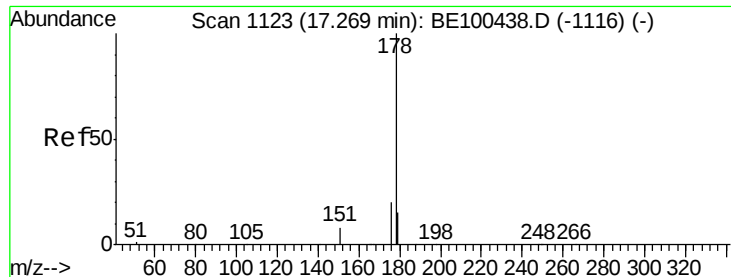


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

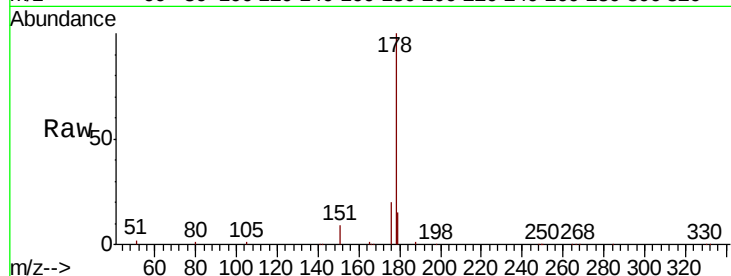
Tot Ion:178 Resp: 24524

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

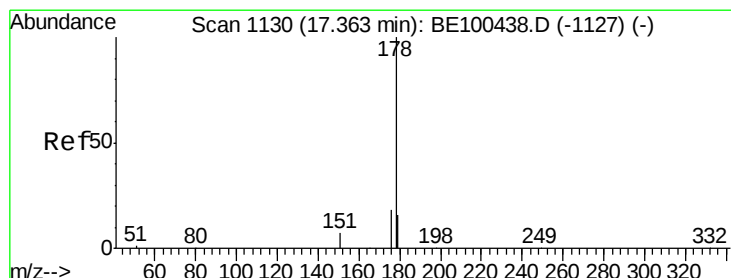
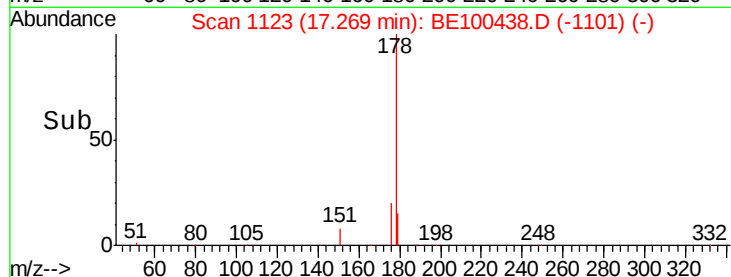
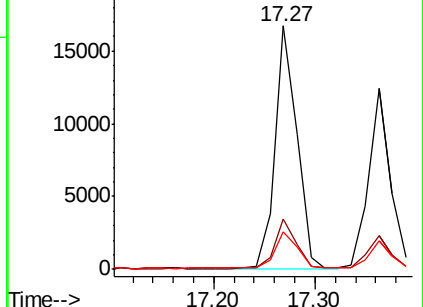
179 15.5 12.4 18.6



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: 0.352 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

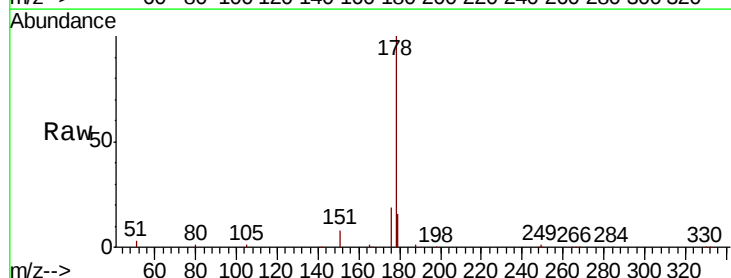
Tgt Ion:178 Resp: 18498

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

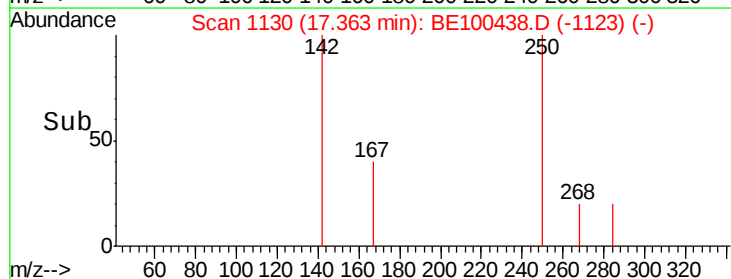
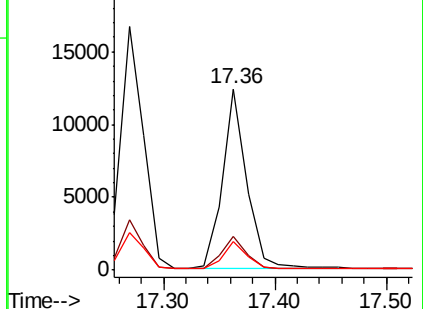
179 15.4 12.3 18.5

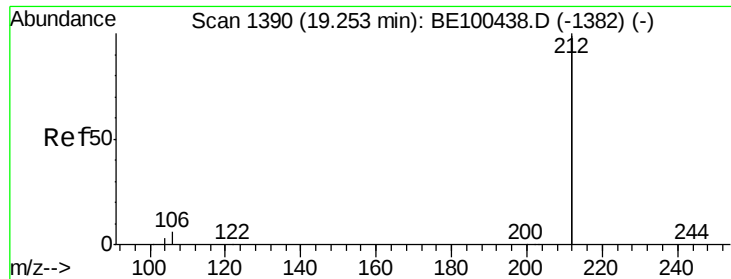


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.252 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

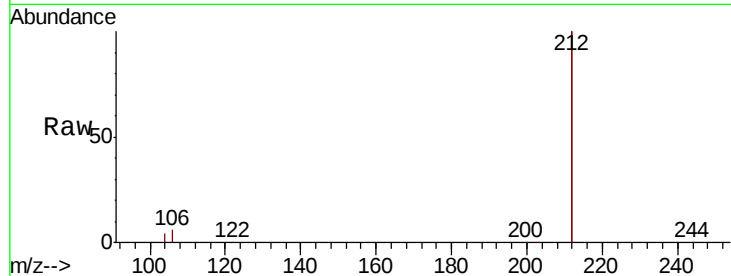
Tot Ion:212 Resp: 106209

Ion Ratio Lower Upper

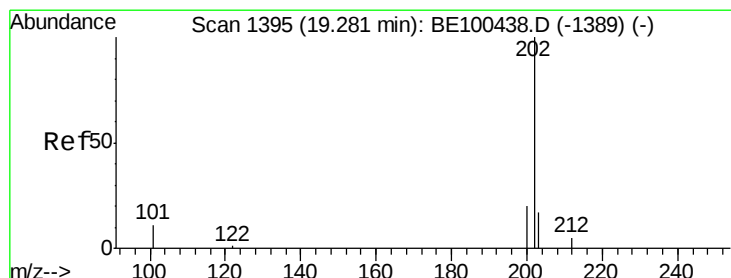
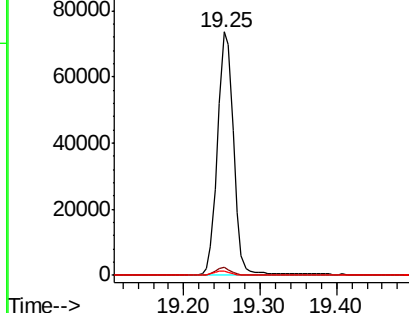
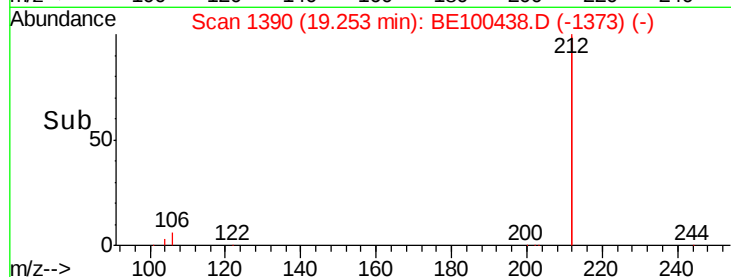
212 100

106 3.2 2.6 3.8

104 1.8 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E
100000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

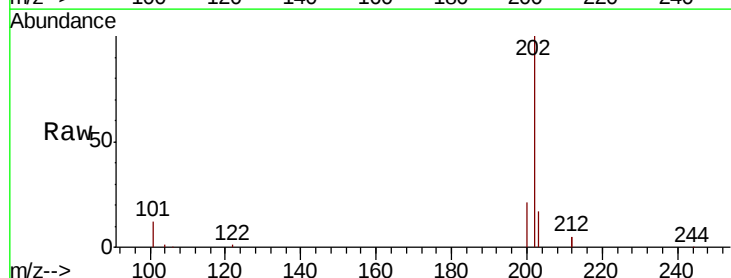
Tgt Ion:202 Resp: 30324

Ion Ratio Lower Upper

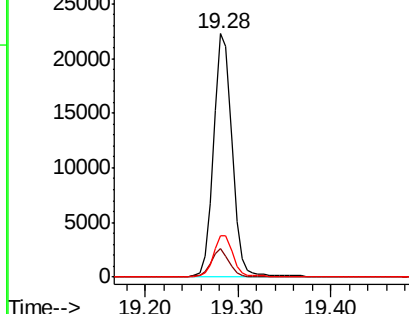
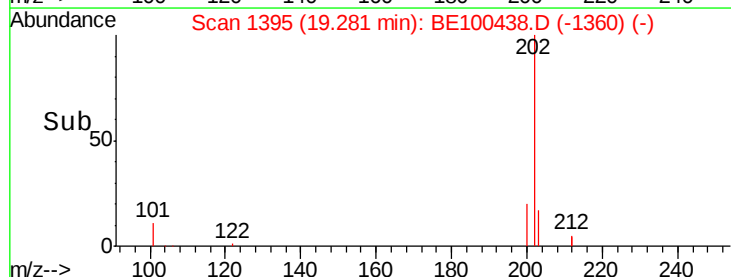
202 100

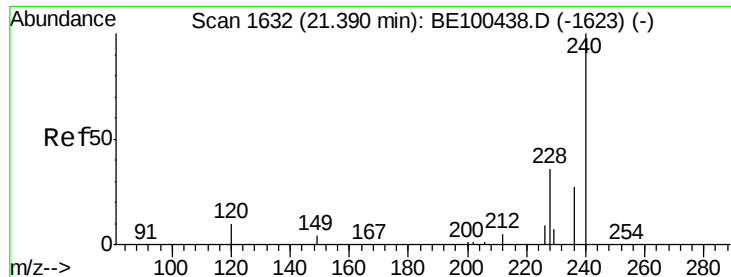
101 11.1 8.9 13.3

203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
30000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

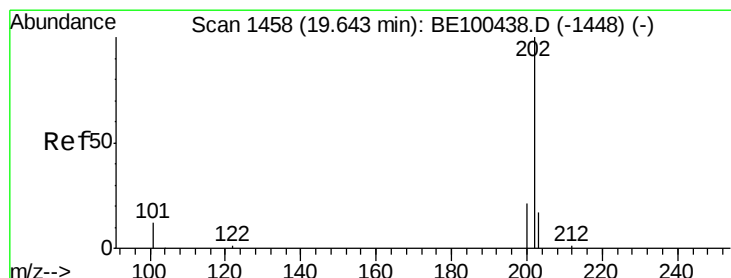
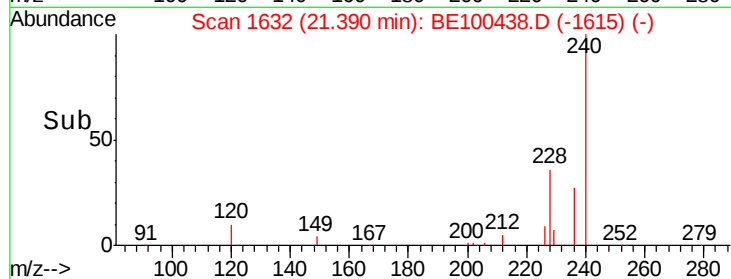
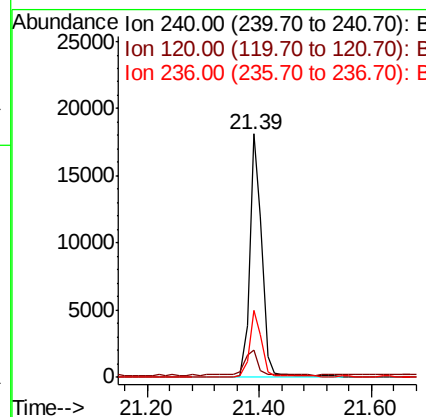
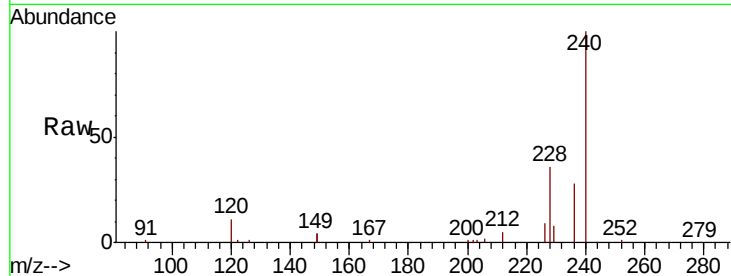




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

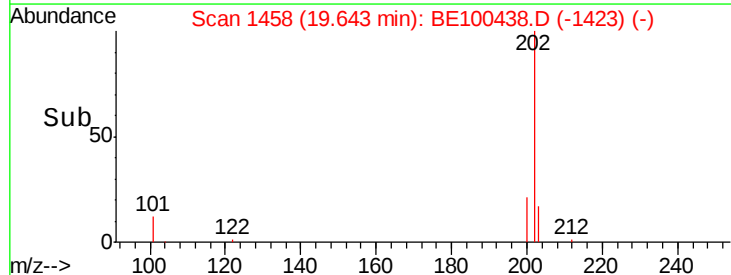
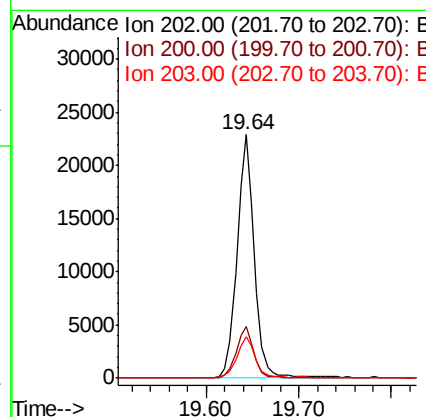
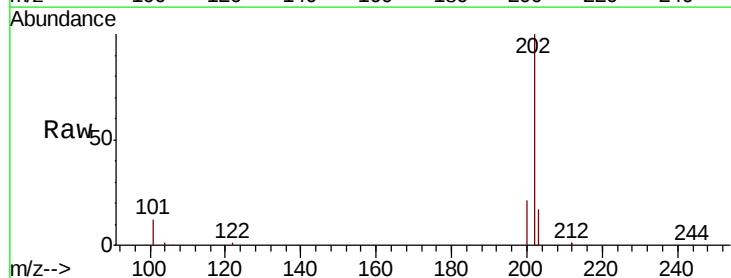
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

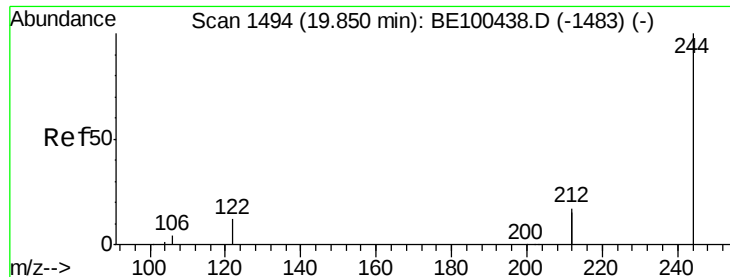
Tot Ion:240 Resp: 26517
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 27.5 22.0 33.0



#28
Pyrene
Concen: 0.377 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

Tgt Ion:202 Resp: 29268
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

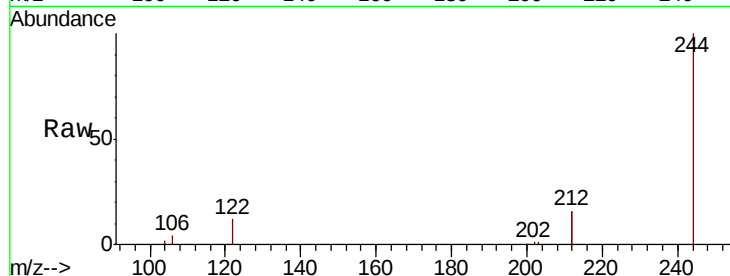
Tot Ion:244 Resp: 24852

Ion Ratio Lower Upper

244 100

212 32.9 26.3 39.5

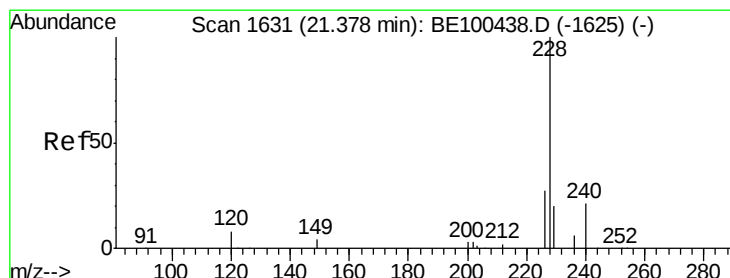
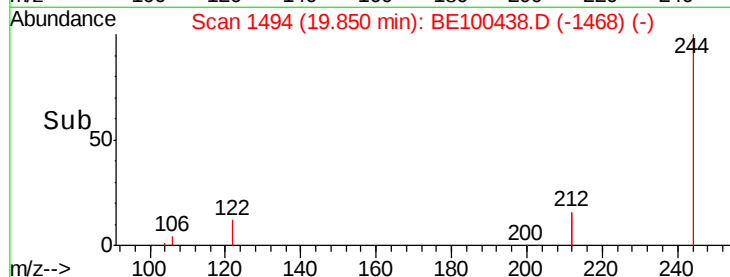
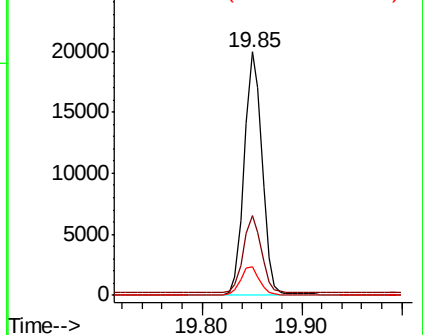
122 11.8 9.4 14.2



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: 0.352 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

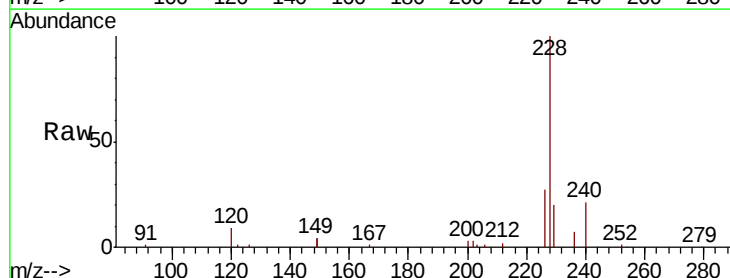
Tgt Ion:228 Resp: 25596

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

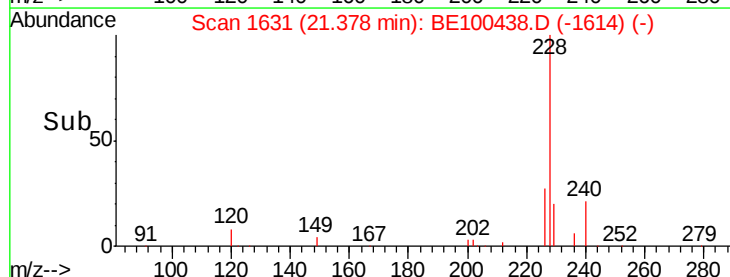
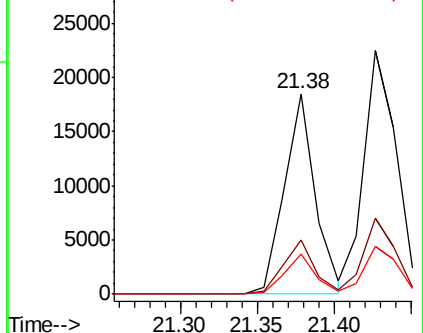
229 19.8 15.8 23.8

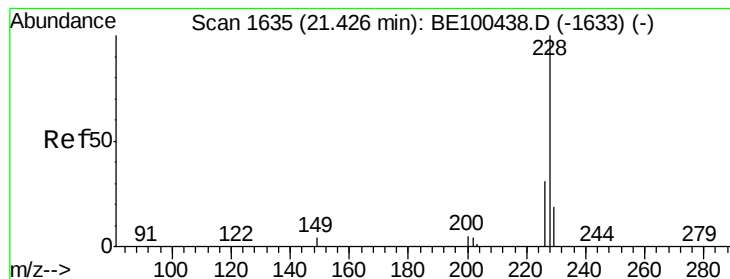


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

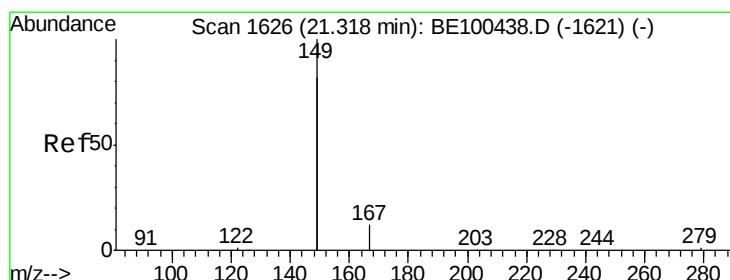
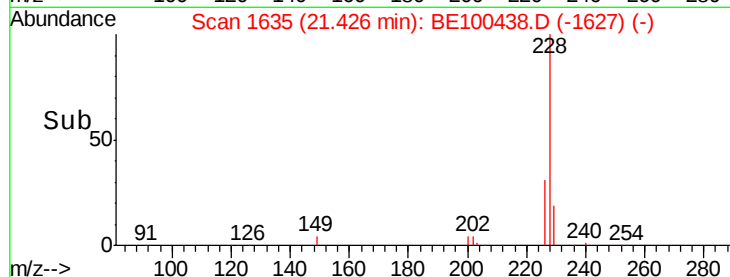
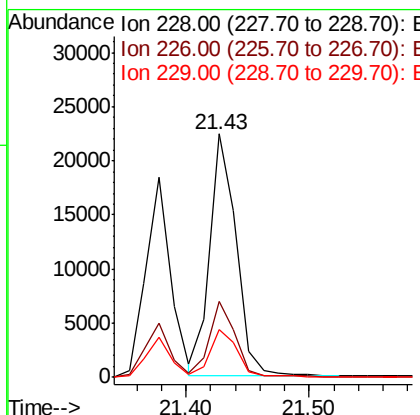
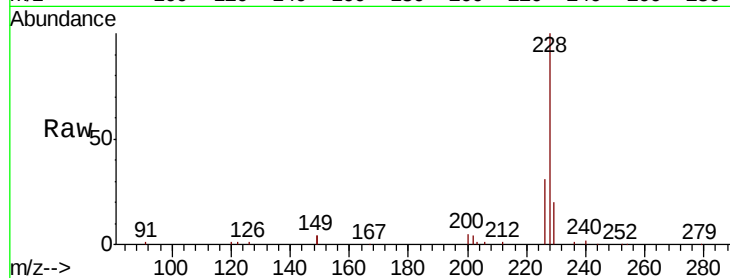




#31
 Chrysene
 Concen: 0.389 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BE100438.D
 Acq: 16 Jul 2019 9:44

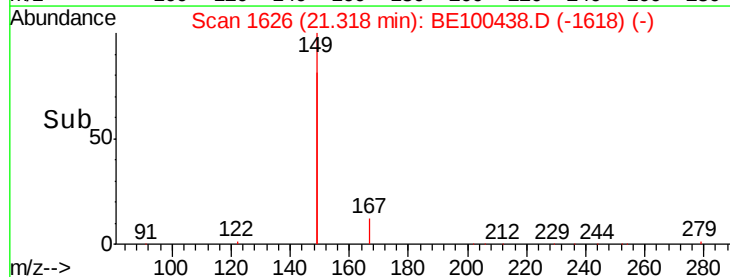
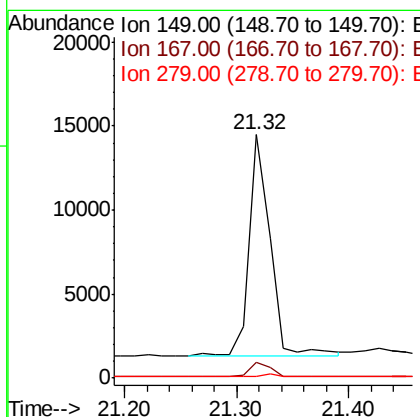
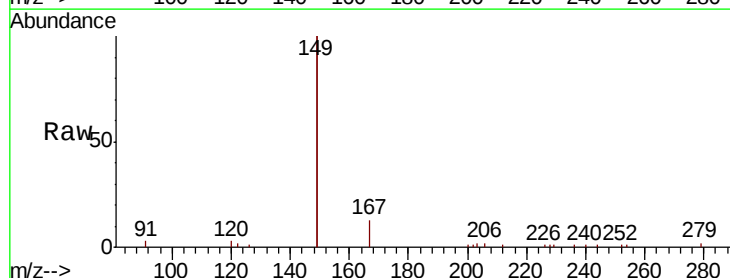
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

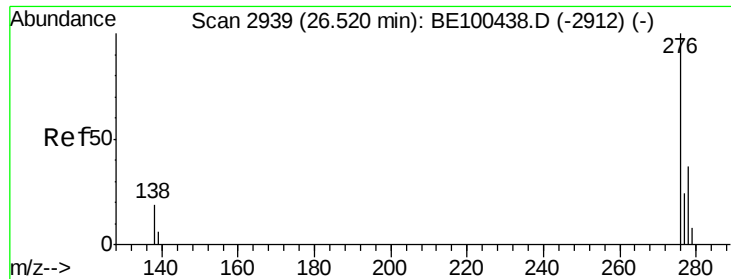
Tot Ion:228 Resp: 33254
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.8 37.2
 229 19.7 15.8 23.6



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.312 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE100438.D
 Acq: 16 Jul 2019 9:44

Tgt Ion:149 Resp: 17353
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.0 7.6
 279 1.5 1.2 1.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

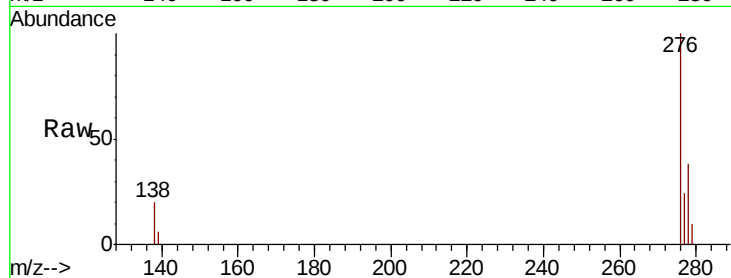
Tot Ion:276 Resp: 27292

Ion Ratio Lower Upper

276 100

138 21.3 17.0 25.6

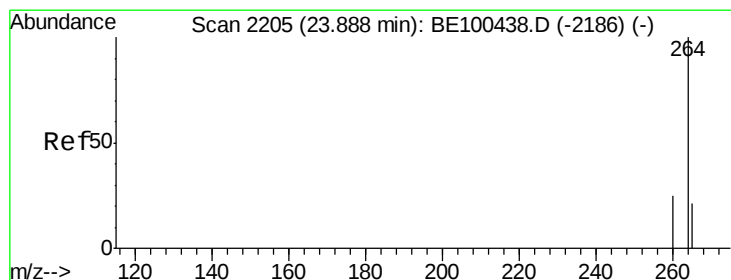
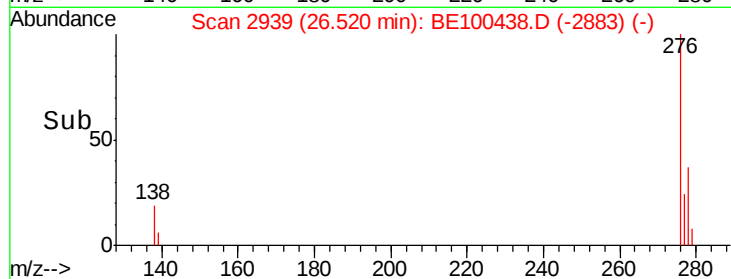
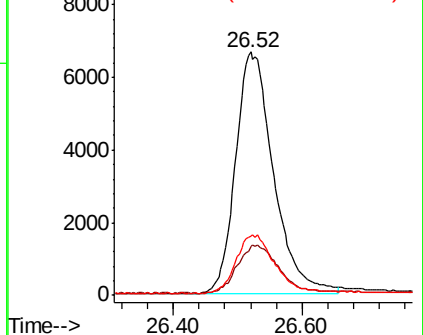
277 24.7 19.8 29.6



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: BE100438.D

Acq: 16 Jul 2019 9:44

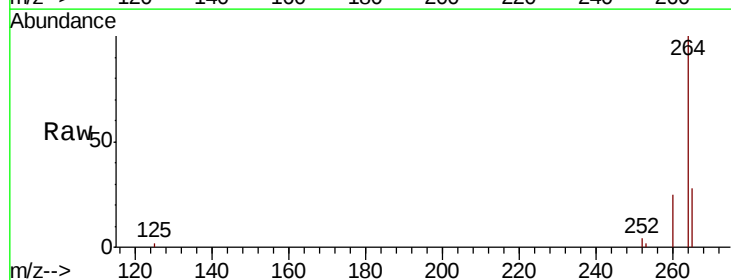
Tgt Ion:264 Resp: 24064

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

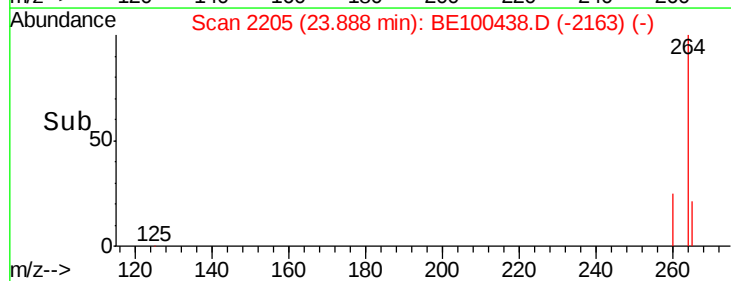
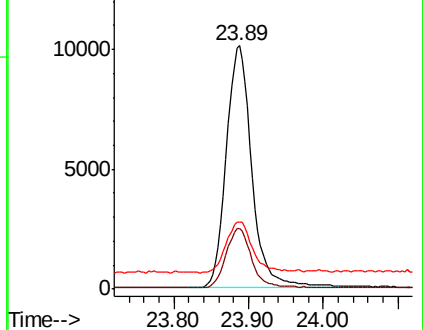
265 27.8 22.2 33.4

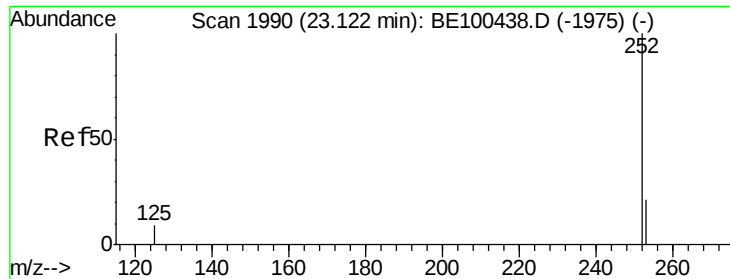


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.362 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

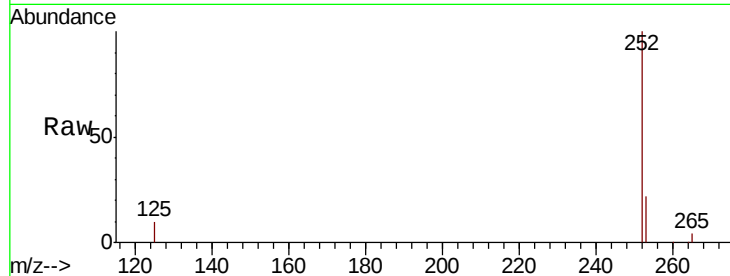
Tot Ion:252 Resp: 27361

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

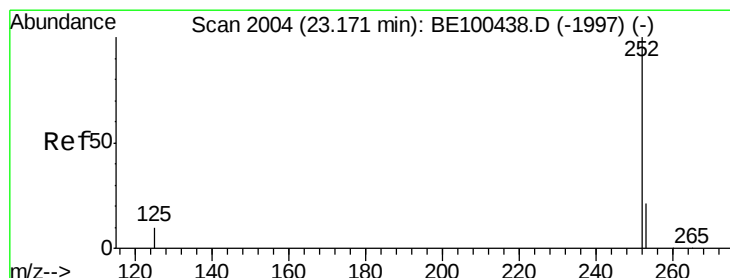
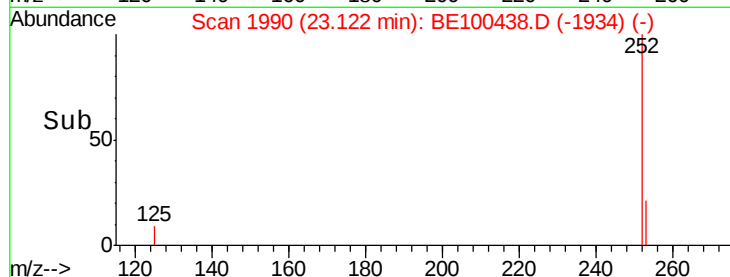
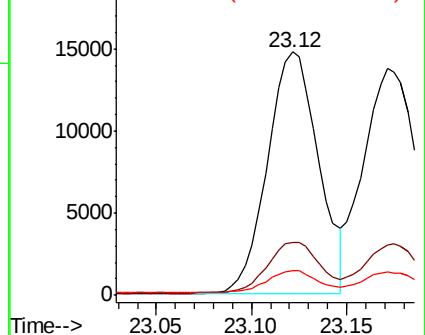
125 10.0 8.0 12.0



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: 0.362 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

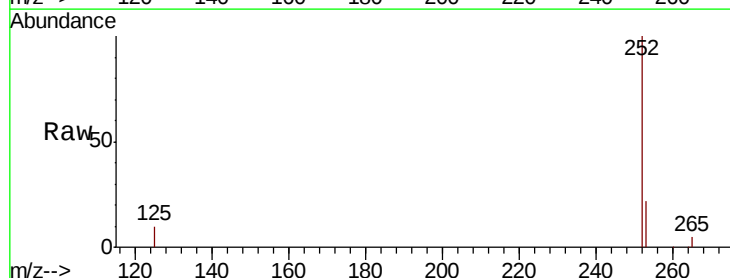
Tgt Ion:252 Resp: 28650

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

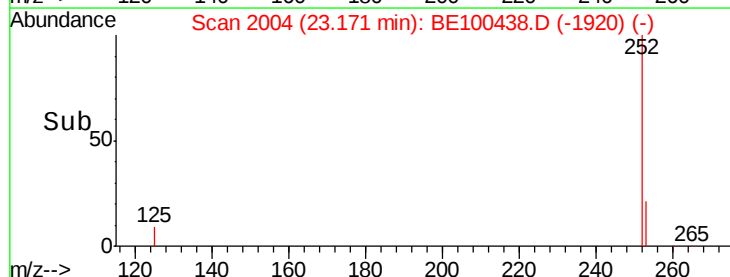
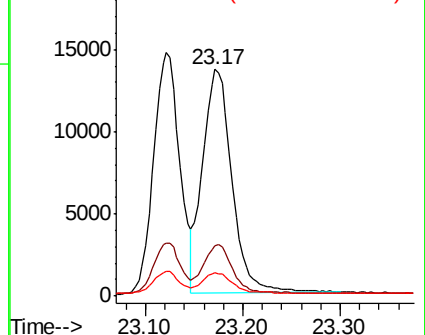
125 10.4 8.3 12.5

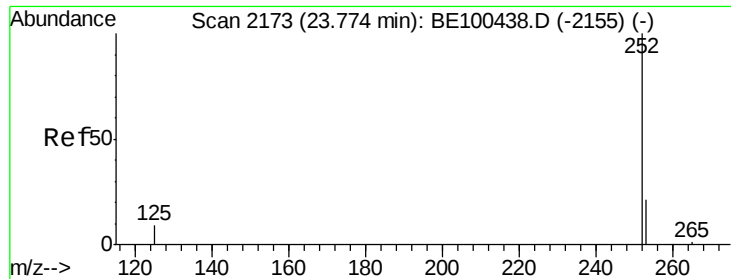


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

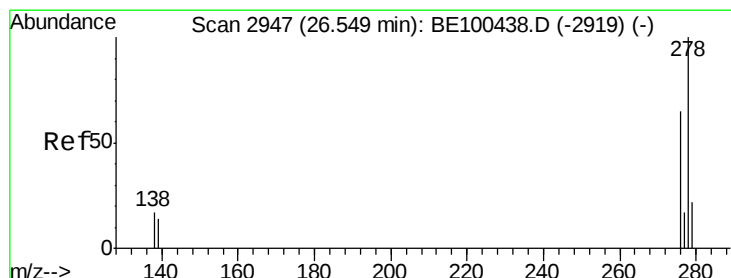
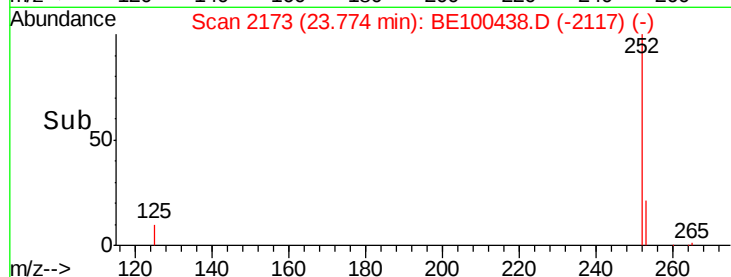
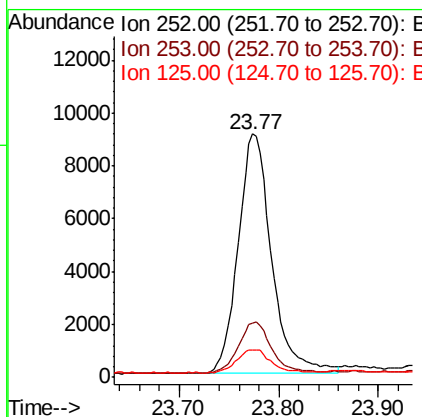
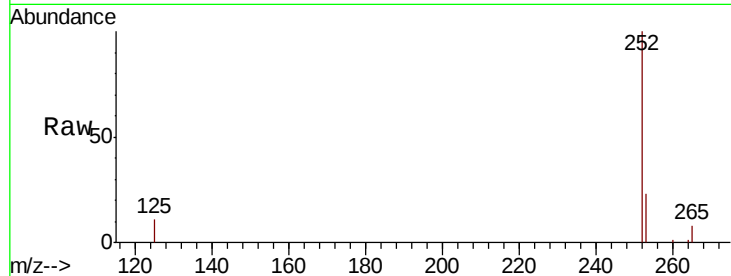




#37
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

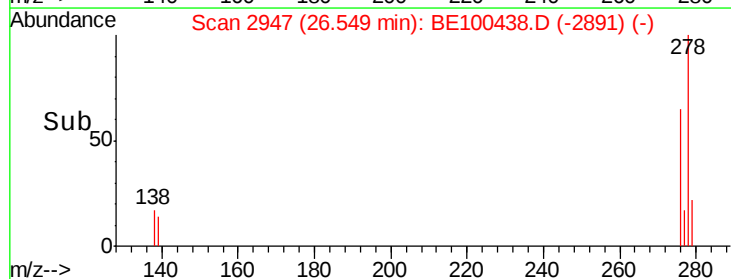
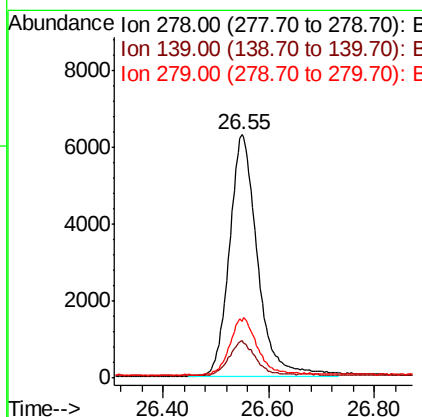
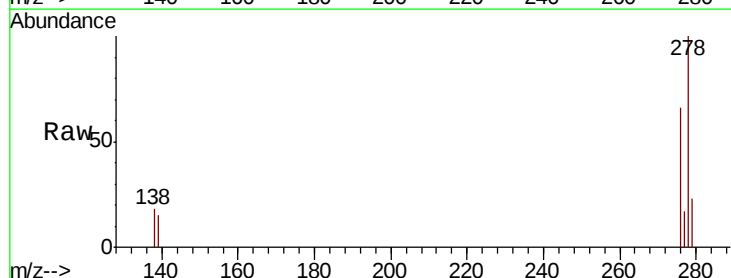
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

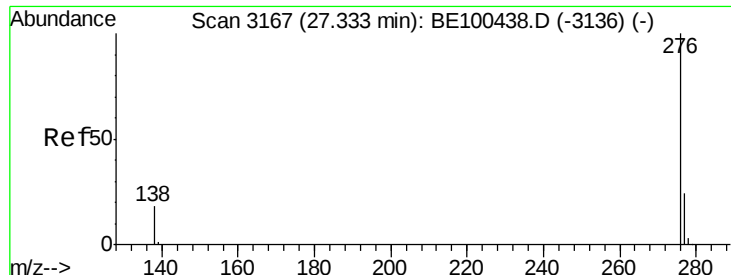
Tot Ion:252 Resp: 21187
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.3 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BE100438.D
Acq: 16 Jul 2019 9:44

Tgt Ion:278 Resp: 23155
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.2
279 23.2 18.6 27.8





#39

Benzo(a,h,i)perylene

Concen: 0.369 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BE100438.D

Acq: 16 Jul 2019 9:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

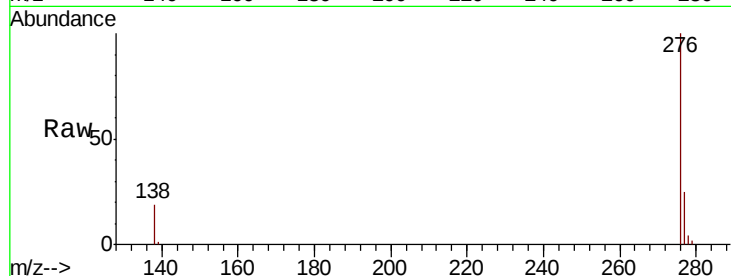
Tot Ion: 276 Resp: 25310

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 18.9 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

